

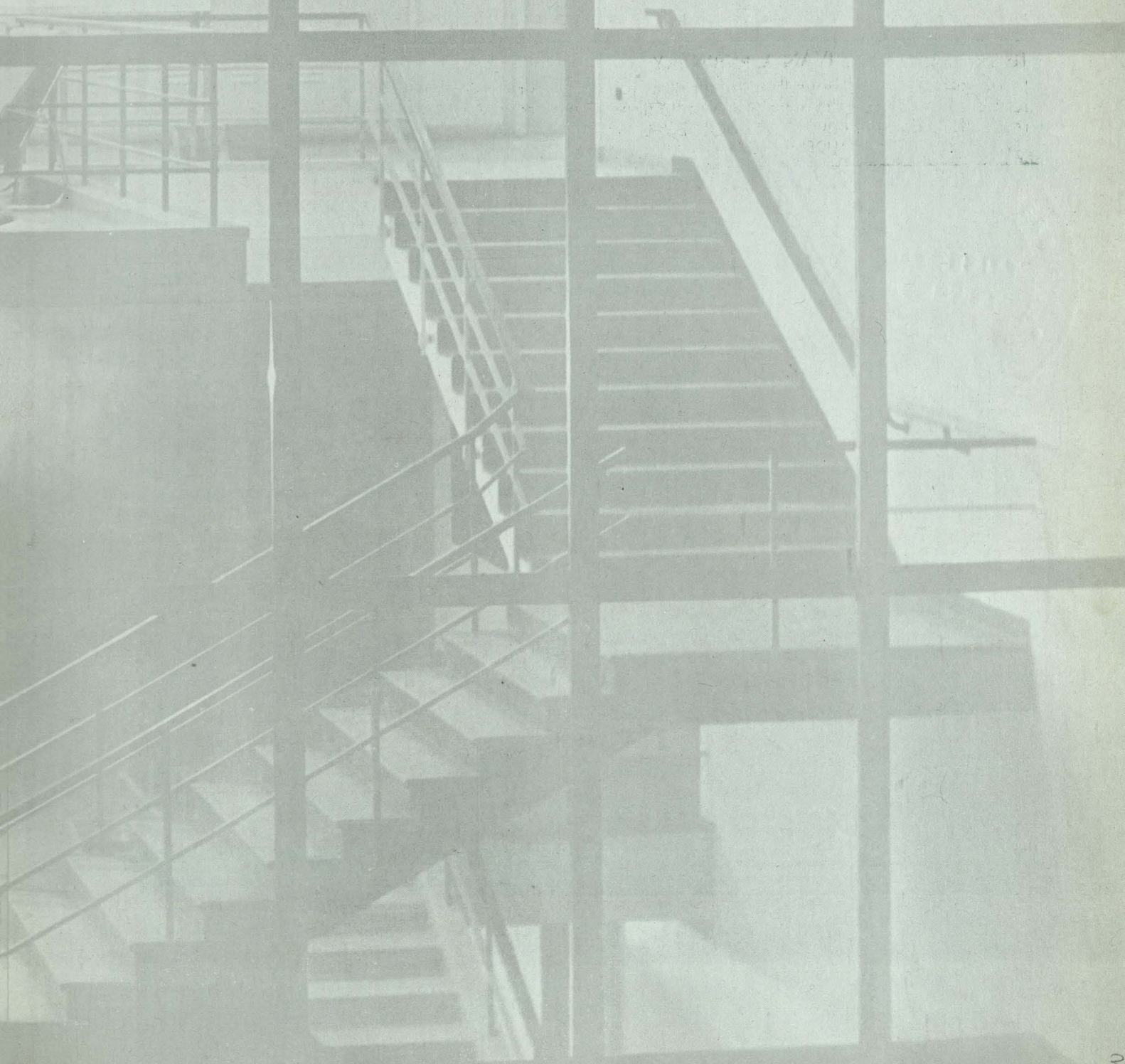
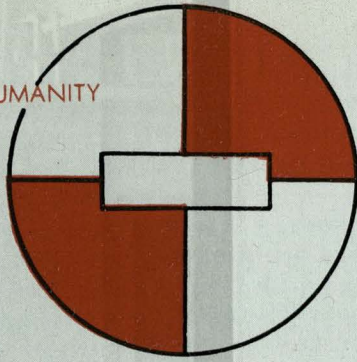
SCHOOL OF ENGINEERING

# 1959 YEARBOOK

AMERICAN UNIVERSITY OF BEIRUT | BEIRUT, LEBANON

published by the students of the school of engineering A. U. B.

SERVICE TO HUMANITY





To Emeritus Professor **IVAN A. RUBINSKY**  
In appreciation and boundless admiration for his sincere devotion  
to this Institution and his unselfish contributions to the Profession, we  
respectfully dedicate our YEARBOOK 1959.  
THE STUDENTS OF THE SCHOOL OF ENGINEERING, A.U.B.

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Life for most of us is the dear treasure and a good, creative and useful life is an everactive source of contentment, happiness and earned pride. We believe that our elders, Professors Rubinsky, Khairallah and Yeramian are fortunate indeed that they lived and served this Institution for more than 25 years; and we heartily wish that they continue to do so with the same zeal, devotion and creativeness for many years to come.

Is it a coincidence that the same year Professors Rubinsky, Khairallah and Yeramian were honored for having served the University for more than 25 years a young, gentle and promising fellow student, not yet 25, passes away? He was deprived of the chance to serve, in his own humble way, home, country and the profession. To ask why will lead us into metaphysics and we will refrain from such an adventure. But we would like to remind the reader, especially the graduating class of '59 to give their best while they can; Krikor could not. Moreover it is common knowledge that a tree is remembered by the quality of its fruits. Professors Rubinsky, Khairallah and Yeramian, we are sure, bore and will bear the best of their fruits. Let us imitate them.

This Yearbook concludes another academic year. Another class, a group of hopefuls, who sweated five years through the school, go out into the profession. It is fitting that at this moment our grateful thanks go to those who put up with our petty complaints and differences, with our lack of interest and enthusiasm in the classroom, our criticisms, mostly undeserved and our general apathy; and what is more they did their best to bring us to the threshold of the profession. The reference of course is made to the dedicated host of professors and instructors.

On behalf of the graduating class we express our deep gratitude to each and everyone who directly or indirectly helped us brave the five years in the school. It is our sincere wish that they continue sending out into the profession more fruitfully young and promising engineers.

This year too was one of the series of successful years that we witnessed for the last four years. Enthusiasm was not lacking on the sports field, neither was cooperation in the many and different activities. To produce this Yearbook, the Show, the Balls and many other cultural and sports activities we had to pool the energies of many of us.

There is a tradition of excellence in the school. We believe that each one of the student body did all possible to keep up this tradition. We cannot judge the results. We leave that for others. But may we use this opportunity to urge our colleagues remaining in the school, especially the class of 1962 that on them and them alone rests the responsibility of nourishing this tradition and raising the school and by the same token A.U.B. to more glorious heights.

ASSADOUR HADJIAN, '59  
Editor

## Engineer's Oath

Using the heritage left by my professional forebears, I dedicate myself to the pursuit of knowledge and the search for truth in the extension of the benefits of my profession to humanity. I will strive always to disseminate what engineering knowledge I acquire. And I will fully accept my responsibility for the instruction of younger members of my profession.

Jealous of the high repute of my calling, I will strive to protect the interests and the good name of any engineer.

To all, I pledge integrity and fair dealing, tolerance and respect, and devotion to the standards and dignity of my profession. I gladly accept the obligation to use my special knowledge and expertise to serve humanity with complete sincerity.

I will strive faithfully to fulfill the solemn obligations of my profession and to govern my life and practice by its Canons of Ethics.

SCHOOL OF ENGINEERING, A. U. B.

## بِئْسَ الْمُهَنْدِسِينَ

أَتَعَهَّدُ مُسْتَعِينًا بِالْأَرثِ الَّذِي تَرَكَهُ أَسْلَافِي فِي هَذِهِ الْمِهْنَةِ أَنْ أُكْرِسَ نَفْسِي  
لِلسَّعْيِ وَرَاءَ الْمَعْرِفَةِ وَالْبَحْثِ عَنِ الْحَقِيقَةِ فِي أَمْدَادِ الْمُجْتَمَعِ بِمَا فِي مِهْنَتِي  
مِنْ فَوَائِدَ وَسَأَبْدُلُ جُهْدِي دَوْمًا فِي نَشْرِ مَا أَكْتَسَبْتُهُ مِنْ عِلْمِ هِنْدِي  
وَأَخْذِ عَلَى نَفْسِي أَنْ أَعْلِمَ الشَّبَابَ الْمُتَمَيِّنَ إِلَى هَذِهِ الْمِهْنَةِ.

وَحِفَاطًا عَلَى مَا تَمَتَّعُ بِهِ هَذِهِ الْمِهْنَةُ مِنْ رَفِيعِ الْمَقَامِ فَإِنِّي سَأَبْدُلُ  
جُهْدِي فِي جَمَايَةِ مَصْلَحَةِ كُلِّ فَرْدٍ مِنْ زَمَلَائِي الْمُهَنْدِسِينَ وَالْمَحَافِظَةِ  
عَلَى سِمَعَتِهِ الطَّيِّبَةِ.

وَأَتَعَهَّدُ لِلْجَمِيعِ بِالْأَمَانَةِ وَصِدْقِ الْمَعَامَلَةِ وَالنَّسَاطِحِ وَالْإِحْتِرَامِ وَالْوَلَاءِ  
بِمَا تَطْلِبُهُ مُثَلْ هَذِهِ الْمِهْنَةُ وَكَرَامَتُهَا. وَأَعِدُّ بَأَنَّ أَضْعَعُ عَلَيَّ وَخَبَرْتِي فِي  
خِدْمَةِ الْمُجْتَمَعِ بِكُلِّ مَا أُوتِيتُ مِنْ إِخْلَاصٍ.

وَأَعِدُّ بَأَنَّ أَقُومَ بِكُلِّ أَمَانَةٍ بِمَا تَفْتَضِيهِ وَاجِبَاتُ مِهْنَتِي وَأَنَّ أُسَيِّرَ حَيَاتِي  
وَأَعْمَالِي بِمُوجِبِ قَانُونِهَا الْخُلُقِيِّ.

مدرسة الهندسة ، الجامعة الامبركية في بيروت



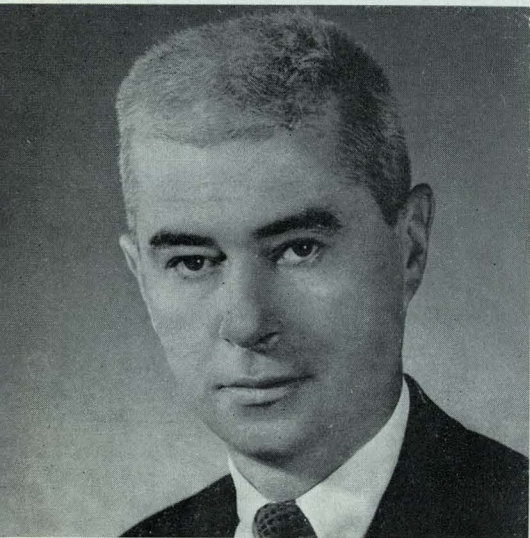
AUB in thee we glory make us true and brave



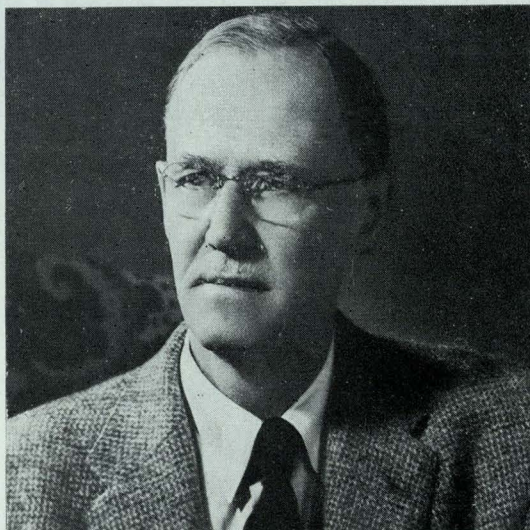


**THE PRESIDENT**

Dr. J. PAUL LEONARD



**Dr. BENJAMIN H. BROWN**  
Executive Vice-President



**ARCHIE S. CRAWFORD**  
Vice-President, Special Services



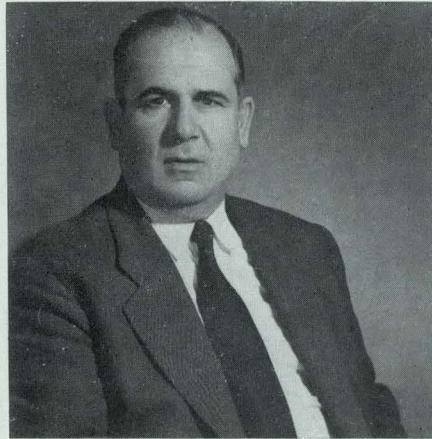
**Dr. FUAD SARRUF**  
Vice-President, University Relations



**Dr. DIMITRI BARAMKI**  
Curator, A.U.B. Museum



**E. BONAMY**  
Personnel Director



**FARID A. FULAIHAN**  
Registrar



**FRANCIS KENT**  
Librarian



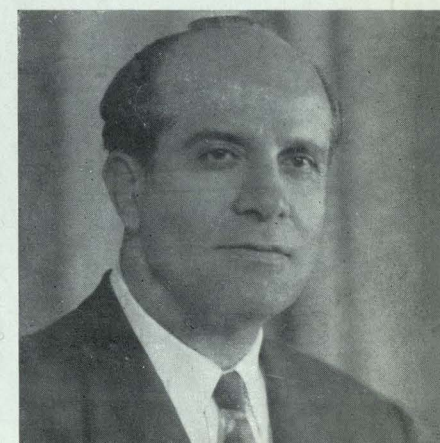
**Dr. LEVON MELIKIAN**  
Acting Dean of Students



**AZIZ K. NAHAS**  
Superintendent of Buildings and Grounds

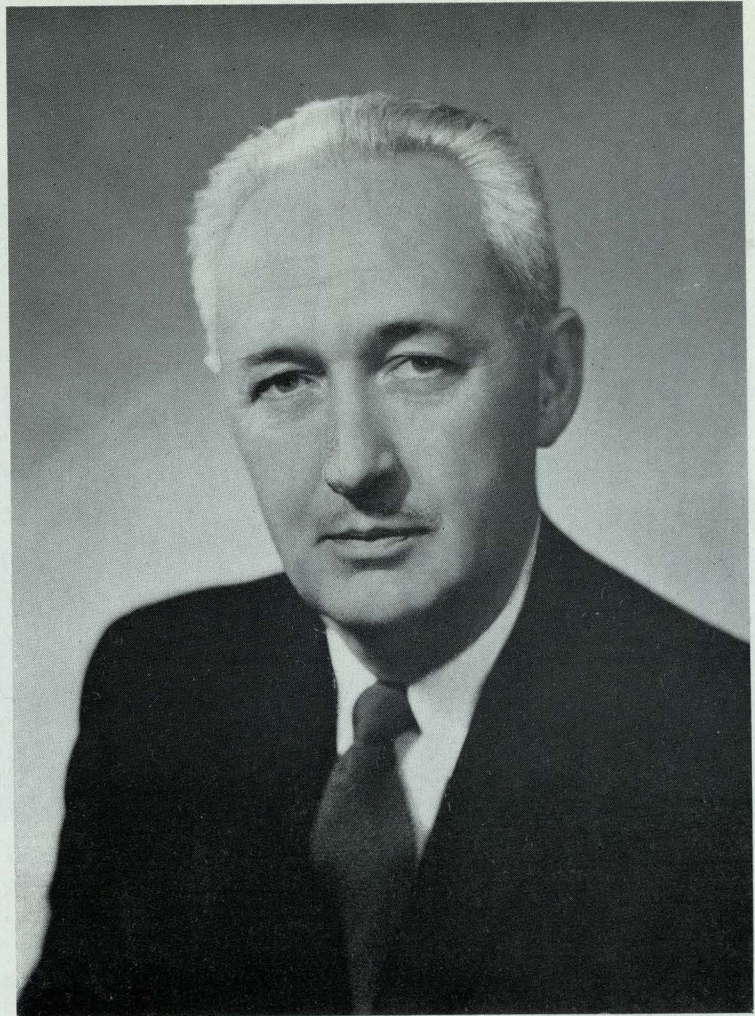


**WILLIAM RICE**  
Comptroller



**ABDUL-SATTAR TARABULSI**  
Athletic Director

"There is no failure except a ceasing to try." — **Gore.**

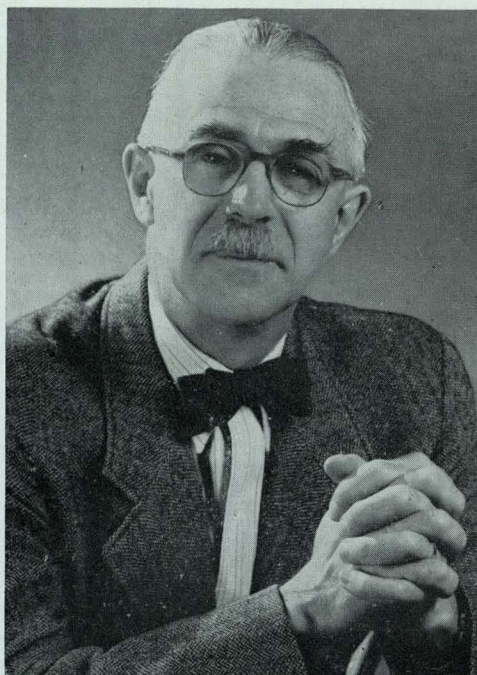


C. KEN WEIDNER

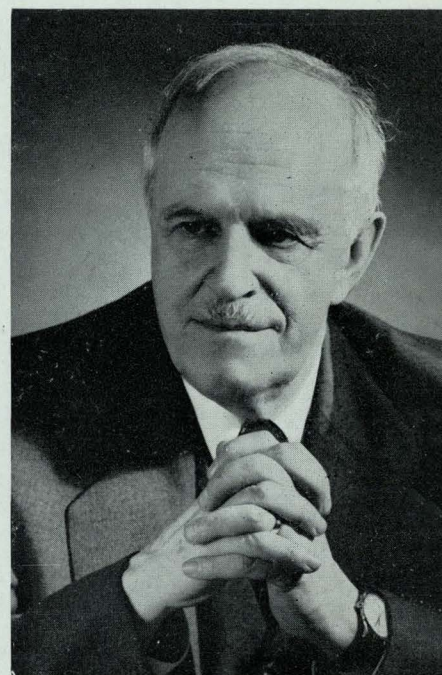
Dean of the Faculty of Engineering. Registered Professional Engineer. (Civil, Mechanical & Electrical). Professional Education by tutoring. Entered the Profession in 1925 on general, heavy and railroad structures as Construction Foreman, then as Estimator and Superintendent, then as Construction Engineer in charge. 1931 joined the Engineering Dept. of Boeing Aircraft Company as Designer and liaison between design and manufacture. 1934 joined the Faculty of Whitman College as Instructor in Physics and Superintendent of Buildings and Grounds. 1936 joined the staff of the University of Washington as Ass't Superintendent of Buildings and Grounds in charge of a continuous design and construction program of buildings and utilities. Ordered to active duty as Lieutenant (Civil Engineers Corps) U. S. Navy in May 1941. Served in American Theater and Asiatic Pacific Theater, promoted through Lt. Commander and Commander to Captain, decorated twice with the Bronze Star. Released to inactive duty December 1946. Gold Medal for Distinguished Service, Society of American Military Engineers, 1946. Consulting Engineer and Professor, University of Oregon until November 1947 when appointed Chief Engineer in charge of design and construction of the Argonne National Nuclear Research Laboratory, University of Chicago. Upon Completion of this assignment October 1951 appointed Dean, School of Engineering, A. U. B. Received order of the Cedar Officer Rank, 1956. Member: American Society of Civil Engineers, American Society of Mechanical Engineers, American Institute of Electrical Engineers, National Society of Professional Engineers, American Society of Heating and Air Conditioning Engineers. American Society for Engineering Education. Senior Member: American Society of Tool Engineers. Military Engineer Member and past Director: Society of American Military Engineers, Naval Member: American Society of Naval Engineers. Fellow: American Association for the Advancement of Science. Many other Professional and Scientific Societies.



EDWARD S. HOPE



WALTER BAGGALEY



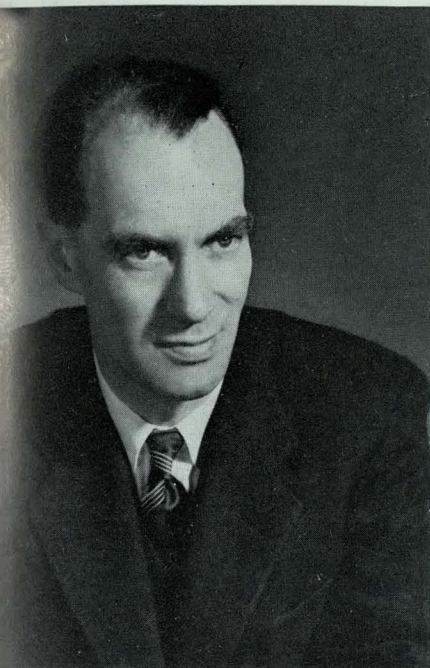
IVAN A. RUBINSKY

EDWARD S. HOPE

Professor of Civil Engineering. Registered Professional Engineer. B.A. 1923, Morehouse College, B.S. in Civil Engineering 1926, M.I.T., M.S. in Civil Engineering 1927, M.I.T., Ph. D. 1942 Columbia University. "Guest of the Institute" 1956-57 Graduate Work in Sanitary Engineering at M.I.T. Kappa Delta Pi and Alpha Phi Alpha. Summer 1926 Hydroelectric Investigation for the Grandfell Mission, Newfoundland. 1927-1928 Junior Assistant highway Engineer, New York State. 1928-1931 Hydraulic Engineer, Emprezas Electricas Brasileiras, Rio de Janeiro, Brazil. 1932-1944 Superintendent of Buildings and Grounds, Howard University. 1944-1946, U.S. Navy, Public Works Officer, Lieutenant, Civil Engineer Corps, Pearl Harbor, T.H. 1946, U.S. Navy, Lieutenant Commander, C.E.C., Director of Instruction, Navy Pacific University. 1947-1951 until joining A.U.B. faculty, Professor of Civil Engineering, Howard University. Wrote Technical papers on the "New Power Plant and Distribution System of Howard University", "How Howard University is Training Power Plant Engineers", "Labor Policies of Colleges and Universities" and "Engineering Education at the American University of Beirut". Member: National Technical Association, American Congress on Surveying and Mapping, American Society for Engineering Education, Fellow American Society of Civil Engineers, Diplomat American Academy of Sanitary Engineers.

WALTER BAGGALEY

Professor of Mechanical Engineering. Consultant to Dept. of Buildings and Grounds. M.E. 1918 Stevens Institute of Technology, Tau Beta Pi (Honorary) and Sigma Nu Engineering Fraternities. Registered Professional Engineer (ME and EE) N.C.O. in Chemical Warfare U.S.A. in World War I. 1919-20 Field Engineer on construction of 60,000 Kva Steam Power Plant at Muscle Shoals, Ala. 1920-21 Ass't Master Mechanic on construction of hydroelectric Power Plant Shawinigan Falls, Canada. 1922-26 Mechanical Designer and Field Construction Supervisor with Cleveland Electric Illuminating Co. on large Steam power plants and electrical distribution systems. 1926-31 Austin Co., Cleveland, Ohio, Assistant District Mechanical-Electrical Engineer, 1931-32; Chief ME & EE on design and construction of Gorki Automobile Plant in U.S.S.R. 1932-35 Designer of Process, Equipment, Carbide & Carbon Chemicals Corporation, Charleston, W. Va; 1936-48 Austin Co., Cleveland, Ohio, Projects and advisory Engineer, Research and Development Division; 1948-51 Projects Engineer on design and construction of Atomic Energy Laboratories for the A.E.C. in Oak Ridge, Lemont, Arco and Denver. Member of ASME, ASHAE, AICHE, Cleveland Museum of Natural History Earth Sciences Club of Northern Illinois and American Schools for Oriental Research.



ROBERT W. SLOANE

T.G. BRIDGWOOD

IVAN A. RUBINSKY

Prof. Emeritus, Prof. of Engineering Research — 1915 Aeronautical Engineer, Imperial Technical School of the Moscow Aeroplane Workshops. Consulting Engineer and Research Assoc. of the Aerodynamic Lab. Moscow. Member of the Board of Directors of the Central Aero-Hydrodynamic Institution, Moscow. One year (1921) with the R.A.F. in Egypt. 1924-25 with Cadastral Works, in Damascus. Joined A.U.B. Faculty in 1926. 1938-39 guest Professor at M.I.T., where he did research on Supersonic Wind Tunnels, suggesting to use in theory heavy gases instead of air. (Such a tunnel was built later in U.S.A.) 1938-39 Research associate at Princeton University working on the feasibility of the use of fiber glass bonded by plastics in prestressed concrete (this kind of fiber glass is used at present in England in Concrete pipes withstanding high pressures). Designed and supervised: construction of different irrigation pumps, "Constant Discharge" devices, different calculating devices, wind mills (high speed) for food industries, oil extraction and dehydration plants. Various scientific publications in American, British and French magazines. Recently developed methods of prestressing concrete and stonework, used by Prof. H. Kalayan in the reconstruction of Bacchus Temple at Baalbek and are applied at present in the reconstruction work at Anjar.

ROBERT W. SLOANE

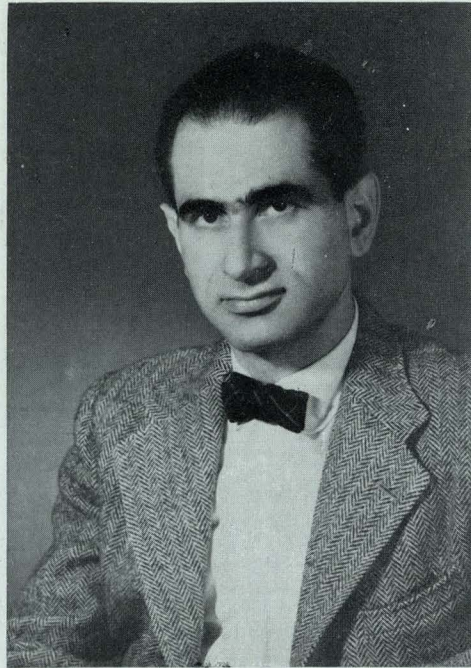
Director of the Experimental and Service Laboratories.— Chartered Electrical Engineer. B.Sc. in Natural Philosophy 1932. M.A. 1934, Ph.D. 1936. Glasgow University, M.I.E.E. Towards his Ph. D. did experimental study of ignition of gaseous mixtures by the discharge of electricity between electrodes of low conductivity and experimental study of the discharge between points in hydrogen, 1932-1935. 1935-1944, Member of the Scientific staff of the Research Laboratories of the General Electric Company Ltd., Wembley, England. Patented an E type wavemeter for radar wavelengths. 1939-1944 Lecturer on the physics of radio to members of the Scientific Staff of G.E.C. 1944-1952 British Council Officer, seconded to A.U.B. as chairman of Physics Department. Published several technical articles on the theory of thermionic tubes and an industrial test apparatus for such tubes. Deputy Representative in the Near East of the Institution of Electrical Engineers.

T. G. BRIDGWOOD

Professor of Electrical Engineering. — B. Sc. 1936, Ph. D. 1943. University of Leeds, A.M.I.E.E. 1928-1932 Staff Apprenticeship, English Electric Co. Ltd. Bradford. 1936-1938, Electrical Engineering research on behalf of British Government Department of Scientific and Industrial Research. Part time Lecturer in Mechanics and Theory of Machines, College of Technology, Leeds. 1939-1941, section leader Research Engineer in Charge of high voltage research and development, General Electric Co. Ltd. Witton, Birmingham. 1941-1955 Lecturer in Electrical Engineering, University of Leeds, and consultant to local firms. Also Evening Lecturer in Electrical Engineering Courses at Walsall Technical College, Staffordshire, 1939-1951, and at the College of Technology, Leeds, 1944-1947. Examiner for Associate Membership Examination, Institution of Civil Engineers, 1945-1949. Honorary Secretary, North Midland Centre, Institution of Electrical Engineers, 1950-1955. Did research into unstable behaviour of electrical transformers associated with transmission lines, Published "Instability in Iron-Cored Circuits" in Proc. Leeds Phil. Soc.



IBRAHIM A. KHAIRALLAH



RAYMOND S. GHOSN



ABD-EL-AZIZ I. KASHEF

**IBRAHIM A. KHAIRALLAH**

Lecturer in Engineering Law, with the rank of Professor. — Counselor at Law, M.A. 1910 A.U.B. Licencié des Droits, 1916 Dijon University, France. L.L.B. 1917 Columbia University. Moslem Law under a sheikh of Al-Azhar in 1915 and 1916. Taught at A.U.B. 1904-1909, 1934-1959. Admitted to the Bar in New York in 1931 and in Beirut in 1933. Worked as counselor at Law since 1915. Helped draft Domestic Relations and Personal Status Law for Protestant and other Christian communities in Lebanon. Author of "Law of Inheritance in the Republics of Syria and Lebanon", being the first volume of a research work undertaken at the request of the Rockefeller Foundation and the American University of Beirut into the Law of Personal Status in the Near East. Started lecturing at A.U.B. in 1944. Former President, Alumni ASS, A.U.B. Former President Automobile Importers Association. Former President, Lebanese Road Federation Associated with International Road Federation. Awarded Order of Merit by Lebanese Government, awarded Order of the Cedar Rank Officer, 1954.

**RAYMOND S. GHOSN**

Professor of Architectural Engineering. — B.A. 1941, (A.U.B.), B.Sc. in C.E. with Distinction 1945 (A.U.B.), S.M. in C.E. 1946, M.I.T., M. Arch. 1950 M.I.T. — Tau Beta Pi. — 1941 to 1944 Designer, Assistant Field Engineer, Architectural Engineering Offices (Lebanon and Egypt). 1946-1947 Structural Engineer Designer for "Cram & Ferguson", Architects, Boston, U.S.A. 1947-1950 while preparing for degree in Architecture, part time teacher at M.I.T. (Graphics Department); also worked part-time in the office of "Anderson & Beckwith", Architects Prof. (M.I.T.) and on visual design exhibits under Prof. Gyorgy Kepes (M.I.T.). 1950-1951, until joining A.U.B. Faculty, Architectural designer for "Shepley, Bulfinch, Richardson and Abbot", Architects, Boston, U.S.A. worked on the designing team of two buildings for Harvard University and Wellesley College; also critic in charge of Fourth year Architectural Design, Boston Architectural Center. At A.U.B. contributed the Architectural design of the Agriculture School Building, the Engineering Shops and Laboratories Buildings and the University Farm Buildings. Architect Consultant. Member ACI; Member ASCE, Associate MSA. Member Lebanese Order of Architects and Engineers.





JACQUES G. NASSER



KHOSROV K. YERAMIAN

ABD-EL-AZIZ ISMAIL KASHEF

Professor of Civil Engineering. — B.S.C.E. 1940 and M.S.C.E. Cairo University, Ph. D. Purdue University, U.S.A. Has worked as an irrigation engineer for 5 years, "Soil Mechanics Engineer" in the High Aswan Dam Project, for 2 years and as Structural Engineer and Consultant in his private office for about 4 years. Taught structures and soil mechanics for undergraduates and graduates in the two Universities of Cairo. Research Fellow in Purdue University for one year. Attended the 8th International Conference of Theoretical and Applied Mechanics, held in Istanbul 1952, the 4th International Conference of Soil Mechanics and Foundation Engineering held in London 1957 and the UNESCO — Desert Institute Conference held in Cairo 1958. Has published several papers, discussions and articles in said conferences, Proc. ASCE, Journals of Am. Geoph. Union, and others in the fields of Irrigation, Structures, Groundwater, dams, Soil Mechanics and Foundation Engineering. Ex-Member of The National Water Development Committee and the National Production Council's sub-Committee on Underground Water, Egypt. Member ASCE, Am Geoph. Union, ACI.

JACK C. NASSER

Professor of Civil Engineering, — Diplome d'Ingénieur Civil, 1938, E.S.I.B. Ingénieur-Docteur, 1948, Sorbonne (Paris University). 1938-1940 Field Engineer and designer, Société d'Etudes et Travaux (Lebanon) for various public and private buildings. 1941-1945 Municipal Engineer, Tripoli. 1946-1948 Engineer, "Société d'Etudes Considère", Paris, in charge of design of Bridges, Reservoirs, Generating Stations, Industrial Plants, Hangars, etc. Since 1949 Private Practice, Consulting Engineer, Expert at the Courts; Reinforced Concrete design for various Public and Private Bldgs. Such as the Electric Generating Plants (Joz; El-Bared) Surge tank of Mar-Licha Electric Plant, the Alliance School, the Bechtel Engineering Bldgs. A.U.B., the Lazarieh Bldgs., Reservoirs for Public Works Ministry. 1950-1953 Chief of Design and Planning Section, Municipality of Beirut. R.C. of Ministry Bldg. of Saudi Arabia; Casino and Theater of Lebanon at Maameltein; Foundations of Steel Mills Sugar Factories at the Bekaa; Municipal Stadium of Tripoli; Expert of the State Bank of "Crédit Agricole, Industriel et Foncier". Member Rotary Club, Beirut. Member Lebanese Order of Architects and Engineers and since 1950 member of its Scientific Commission. Member Ex-National Board of Reconstruction of Lebanon. Member of the Directory Committee of Reconstruction, Lebanon.

KHOSROV K. YERAMIAN

Lecturer in Architectural Engineering, Professor. — B.A. (A.U.B.), B. Sc. in Civil Engineering 1930, Lafayette College, U.S.A., 1927-1928 taught Mathematics and Physics in Universal College, Aley. 1930-1931 Assistant Engineer on a reinforced concrete arch bridge and on a coaling station in Penna, U.S.A. Since then has been teaching in A.U.B. while carrying on his practice in Architecture, Engineering, and Contracting in Lebanon and Syria. Over 310 completed projects to his credit covering the diverse fields of residential, industrial, educational, religious, and public buildings, examples of which are the B.C.W., Gerard Institute of Sidon; School of Nabattieh, Cathedral and Seminaries at Antelias, A.U.B. Library, Physics Building and Engineering Shops, Sanatorium in Azounieh. Worked as Engineer and contractor on bridges, tunnels, buildings, and roads with the Public Works of the Lebanese Government. Member, Aley Municipal Council.



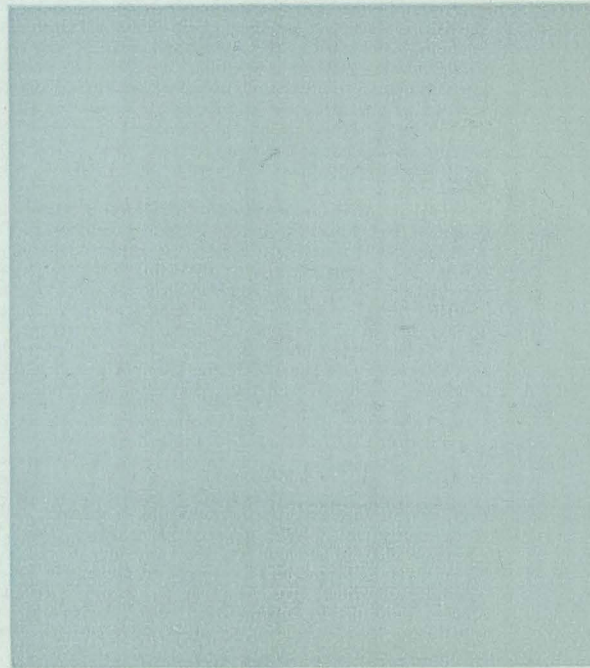
NICOLAS E. MANASSAH



KHALIL M. MALOUF



JOSEPH R. BRIMSON



#### NICOLAS E. MANASSAH

Associate Professor of Civil Engineering — B. A. 1927 (A.U.B.) B.S. in Civil Engineering 1931, University of Michigan. M.E. (Transportation Engineering) 1958, University of California, Berkeley, Cal. Licensed Surveyor, Government of Palestine. 1927-1932 Surveyor-Engineer with the University of Michigan and the University of Pennsylvania on Archeological Expeditions in Iraq and Palestine. 1933-1942 Civil Engineer with the Iraq Petroleum Company in Palestine, Lebanon, Syria and Iraq. Since 1944 has been teaching Engineering at A.U.B. and acting as Consultant to a number of firms. Was responsible for the Structural design of a number of A.U.B. buildings, including the Agriculture School and the University Farm Project. From 1956-1958 the University loaned him to the Lebanese Government to work as Director General of the National Reconstruction Board. Member ASCE, Member Lebanese Order of Architects and Engineers.

#### KHALIL M. MALOUF

Associate Professor of Civil Engineering — B.A. 1941 (A.U.B.), B.Sc. in C.E. 1945, (A.U.B.), D.I.C., Ph.D. (Hydraulics) 1950, City and Guilds, Imperial College of Science and Technology, London University. Prior to joining A.U.B. Faculty of Engineering Instructor at A.U.B. and acting assistant Oil Movement Controller, I.P.C. Tripoli.

#### JOSEPH R. BRIMSON

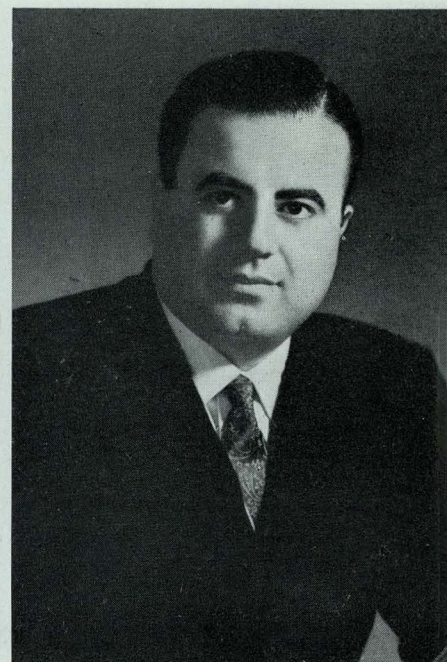
Associate Professor of Mechanical Engineering. — B.Sc. (Eng) (Hons) 1951, College of Technology, Birmingham. 1940-1947 Engineering Apprentice, General Electric Co. Ltd., Witton, Birmingham. — 1945-47 Part-time Lecturer at Aston Technical College, Birmingham: taught general engineering science courses, and heat engines laboratory. — 1947-1949 Draftsman in the Methods and Equipment Dept. at Dunlop Rubber Co. Ltd., Birmingham: worked on designing and detailing factory equipment. — 1949-1951 Technical Advisor in the Methods and Equipment Department at Dunlop Rubber Co. Ltd., worked on planning, designing, ordering and supervising installation of new equipment in a department of the firm, including financial handling and preparation of sanction. — 1952-1955 Lecturer in Mechanical Engineering at the Imperial College of Engineering, Addis Ababa; 1955-57 Professor of Mechanical Engineering at the same College in Addis Ababa. — Awarded "Best Apprentice of the Year", Certificate and cash prize, out of more than 500 apprentices while working with General Electric Co. Ltd. — Associate member of the Institution of Mechanical Engineers.



HAROUTUNE Y. KALAYAN



FOUAD F. KHAZEN



GEORGE ABI-RACHED

HAROUTUNE Y. KALAYAN

Engineer, Antiquity dept. Republic of Lebanon. B.A. 1931 (A.U.B.) B.Sc. in Civil Engineering 1946 (A.U.B.) Member of Lebanese order of Architects and Engineers. Working with Antiquity Department since 1931, except 1938-42 when taught in Nicosia, Cyprus. Has collaborated for the consolidation and restoration works of "Crac des Chevaliers"; Sahyoun, of monuments in Tartous and Lataquieh. Since 1945, has been responsible for the study and restoration of ancient monuments in Lebanon, as Baalbeck, Byblos, Niha, Kala'at Fakra, Mashnaqua, Sidon, Beaufort, etc. Has applied the method of Post Tensioning in restoration works of Slabs and Columns. Called on by the Municipalities of Beirut and Baalbeck to support and save buildings erected on weak foundations. Has designed and constructed private apartment houses.

FOUAD F. KHAZEN

Assistant Professor in Civil Engineering. — B.A. Engineering 1932, (A.U.B.) A.M.I.C.E. London 1945; (Chartered Civil Engineer). 1933-1936 surveyor, draftsman and designer with the Public Works Dept., Palestine. 1936-1948 Foreman of works, designer, and Assistant Engineer with the Public Works Dept. Palestine. 1948-1953, with Syrian Ministry of Public Works, inspector engineer, Damascus, then district engineer, Hama, and later chief executive engineer, Aleppo. Treasurer, Society of Engineers, Jaffa, Palestine. Member of Society of Engineers, Damascus, Syria. Associate member, Institute of Civil Engineers, London, Member, Lebanese Order of Architects and Engineers.



RAJA A. ILIYA

SULAYMAN D. DEEB

**GEORGE ABI-RACHED**

Assistant Professor in Mechanical Engineering. — B. Sc. in Mechanical Engineering 1948 from ex-Fuad the First University, Egypt 1948-1949 worked with the ESSO Company in Beirut as Mechanical Engineer for the design of service stations and the calibration of tanks. 1949-1954 in charge of the Mechanical Section at Tapline, Beirut, on projects including Heating, Ventilating, Air Conditioning, Hydraulics, Machine Design and selection. Member Lebanese Order of Architects and Engineers (Alternate member in its Disciplinary Committee for 1954, and elected as secretary of its Industrial & Power Committee 1959). Worshipful Master of George Washington Lodge 1953-1954, Associate Member, ASHAE. Chess player, winner of the Syrian Bank Club Cup 1952.

**RAJA A. ILIYA**

Assistant Professor in Civil Engineering — B.A. Engineering 1947, (A.U.B.), M.S.C.E. 1949 University of Texas, (Austin). 1949 Joined Engineering Division of Tapline, Beirut, worked on various assignments including the survey of the pipeline right of way and its hydrostatic testing, soundings for submarine leading lines, Zahrani Terminal, and oil dispatching. 1952 until joining Faculty of Engineering at A.U.B. in charge of structural group of the Engineering and Construction Division at Tapline, Beirut. Member: A.C.I. and the Lebanese Order of Architects and Engineers.

**SULAYMAN D. DEEB**

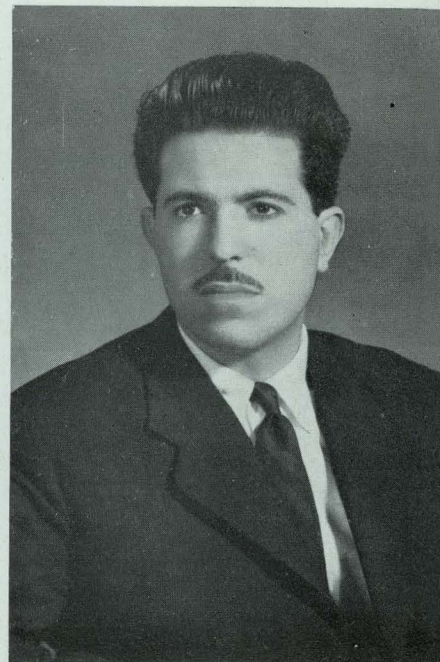
Assistant Professor in Mechanical Engineering — B.A. in Engineering, 1932 (A.U.B.) B. Sc. in Mechanical Engineering 1949. Birmingham University England. 1949-1950 Trained in Refrigeration with J. & E. Hall, Dartford, and in Diesel Engines with Ruston and Hornsby, Lincoln, Lincolnshire. 1951-1954, worked as Mechanical Engineer with Tapline in Beirut. Member Lebanese Order of Architects and Engineers.



ASSEM A. SALAAM



JACK I. HANANIA



KAMAL A. SHAIR

ASSEM A. SALAAM

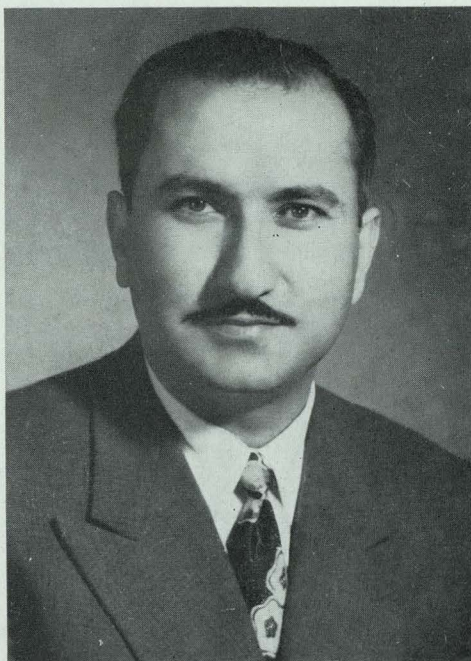
Assistant Professor in Architectural Engineering. — Baccalauréat 2ème Partie Mathématique 1943, (A.U.B.), Engineering course (1943-1945), Cairo University, B.A. Architecture 1950 Cambridge University. When at Cambridge, President for one year of the Arts and Architecture Society. Worked one year with Architect Lionel Brett in England on the Hatefield New Town. Has been in practice in Lebanon since 1951. Member of the government commission for the erection of the Presidential Palace and the Metiers School. Member of the government commission for the erection of the National Broadcasting House. Member, Moslem Welfare Committee. Member, Committee of the Beirut Museum (Fondation Surssock).

JACK I. HANANIA

Assistant Professor in Electrical Engineering. — 1949 D.L.C. (Hons.) Loughborough College. 1950 B. Sc. (Hons.) London University. 1955 Ph. D. Leeds University. 1949 worked with switchgear manufacturers Ferguson Pailin, Manchester, 1950-1952 worked with the English Electric Co. on the manufacture, testing and commissioning of electrical machinery and prime movers, also with the British Electricity Authority on power generation, transmission and distribution. 1953-1954 part-time teaching assistant in Electrical Engineering Laboratories, Leeds University. 1954-1955, prior to joining A.U.B. Faculty of Engineering, full-time Assistant Lecturer in Electrical Engineering, Leeds University. Currently pursuing research investigation into tooth pulsation losses in squirrel-cage induction motors.



ANIS A. YARID



MUNIR EL-KHATIB

KAMAL A. SHAIR

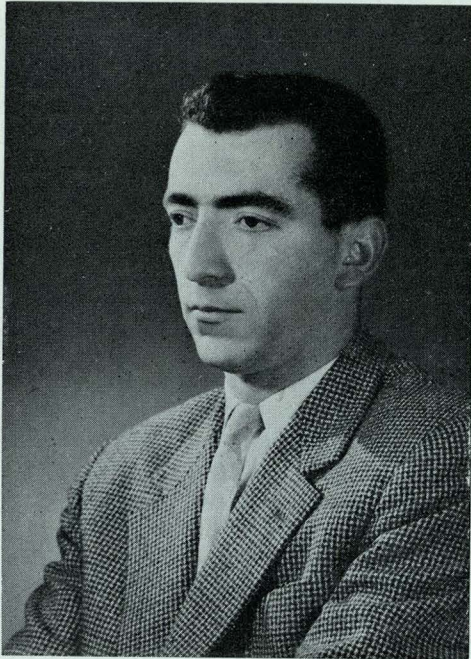
Assistant Professor in Engineering Sciences. — 1950 B. Sc. Chem. Eng., University of Michigan. — 1951 M. Sc. Chem. Eng., University of Michigan. — 1955 D. Eng., Chem. Eng., Yale University.

ANIS A. YARID

Assistant Professor in Civil Engineering. — 1943 B.A. in Civil Engineering A.U.B. — 1947 B. Sc. and M.S. in Civil Eng., University of Texas — Member American Society of Civil Engineers; Member American Concrete Institute.

MUNIR EL-KHATIB

Assistant Professor of Civil Engineering. — B.S.C.E. University of Michigan, U.S.A. Worked with Vogt Ivirs Seaman and Associates, Cincinnati, Ohio, was assigned to the design of bridges, intersections, and turnouts on the Ohio Turnpike. With Harry Blake Engineers, Cincinnati, Ohio, worked on the design of bridges on the Pennsylvania Turnpike, and on Calumate Skyway, also helped on the design of buildings for the United States Officers Quarters. With the Arabian Construction and Engineering Company, Kuwait, was in charge of the construction of a housing project in the University Town of Kuwait. With the National Reconstruction Office, was delegated Chief Engineer for the Office of Tripoli undertaking the design of a housing project with its roads, and the diversion of the river bed Abu Ali River, afterwards chief Construction Engineer in charge of the execution of the plans. Member of the Lebanese Syndicate of Engineers.



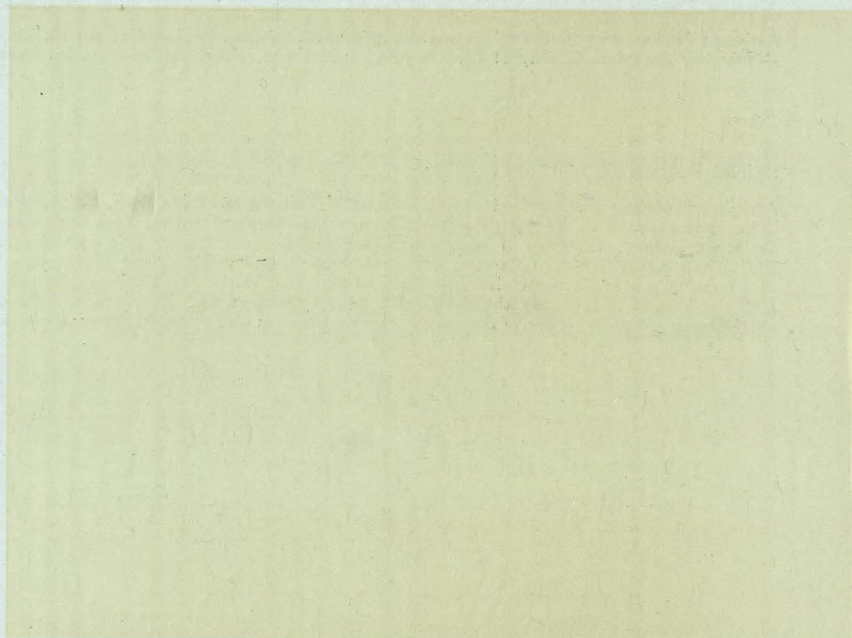
KANAAN KANO



WILLIAM E. NEWELL



GEORGE CONTAVELLI







GABRIEL MATTA

KANAAN KANO

Assistant Professor in Electrical Engineering. — B.E.E. 1952, Rensselaer Polytechnic Institute MC.Sc. 1953 University of Illinois. 1952-53 half time teaching assistant at the Electrical Laboratories — in the University of Illinois. Associate member of the Institute of Electrical Engineers.

WILLIAM E. NEWELL

Assistant Professor of Electrical Engineering. — B.E. 1953, Youngstown University. — M.S. 1956, and Ph.D. 1957, Carnegie Institute of Technology. — 1954 and summer 1955, Research Engineer at Westinghouse Research Laboratories engaged in the study of flat-screen image amplifiers. — Summer 1956 Westinghouse Semiconductor Department, concerned with the measurement of the high-frequency and transient characteristics of junction transistors and diodes. — Carnegie Tech thesis research involving a digital computer study of the large-signal rectification characteristics of junction diodes. — Patents: 1) Semiconductor fluorescent lamp starter, 2) a flat-screen image amplifier. — Member, The Institute of Radio Engineers; and Sigma Xi, Mu Pi Epsilon and Pi Mu Epsilon Honorary Fraternities. — Registered Engineer-In-Training in State of Ohio. — "Best-All-Around Student" Award (1953), Youngstown University "Y-C" scholarship and extra-curricular activities award (1953), Westinghouse Research Scholarship (1954), National Science Foundation Fellowships (1955-1956 and 1956-1957).

GEORGE CONTAVELLI

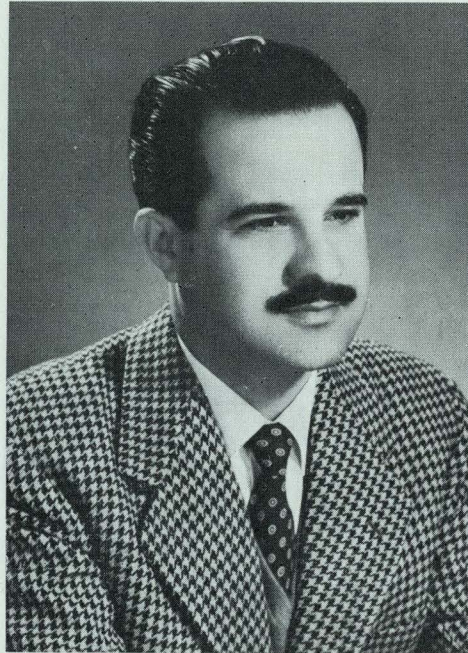
Assistant Professor in Architectural Engineering. — 1949 B.Sc. Architecture (with Distinction) Faculty of Engineering, Alexandria University. — 1949-1954 Architectural Engineer with various Contracting firms in Cairo, Egypt, "Egypto" "Maurice Messawar & Co.", "Bachour & Co."; was in charge of the execution of the Cairo West Military Airport. — Since 1954 in private architectural practice in Egypt covering design and supervision of residential, and industrial buildings and works, including "L'Air liquide", and the "Soc. Eg. des Petroles", Cairo, and Dr. Wahib Nimr Hospital, Lebanon. — Member Architects Club of Egypt, Cairo. Member Egyptian Engineering Syndicate. Member Lebanese Order of Architects and Engineers.

GABRIEL MATTA

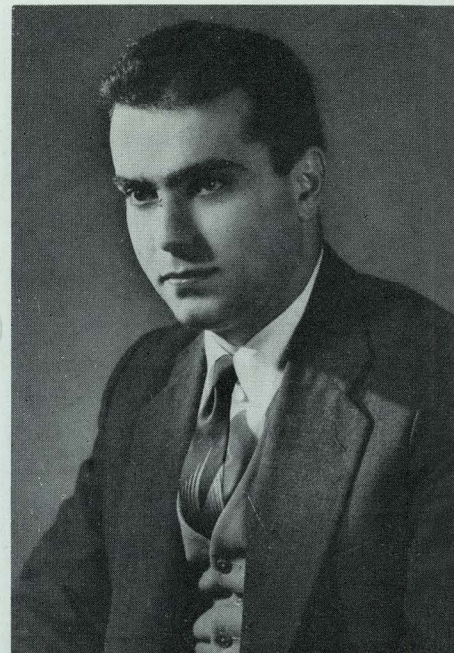
Lecture, Assistant Professor of Civil Engineering. Civil Engineer from — Ecole Supérieure d'Ingénieurs, Beirut. Licencié — Sciences from — Centre d'Etudes Mathématiques et Physiques. Ingénieur — Docteur from Faculté de Toulouse (France), 1957. Engineer in the French firm "Etudes et Entreprises" 1955, Research work in the National Center of Scientific Research in France 1955-1957. Since 1957, Engineer for Development Projects in the Department of Hydraulics and Electricity, in charge of all hydraulic designs in Mount Lebanon. Representative of the Public Works Ministry to the Hydrogeology Conference sponsored by the U.N.E.S.C.O. 1957 and of the Public Health Ministry to the conference of water works operation organized by the W.H.O. 1958. Member of the I.A.H.H.R. and of the Lebanese Order of Architects and Engineers.



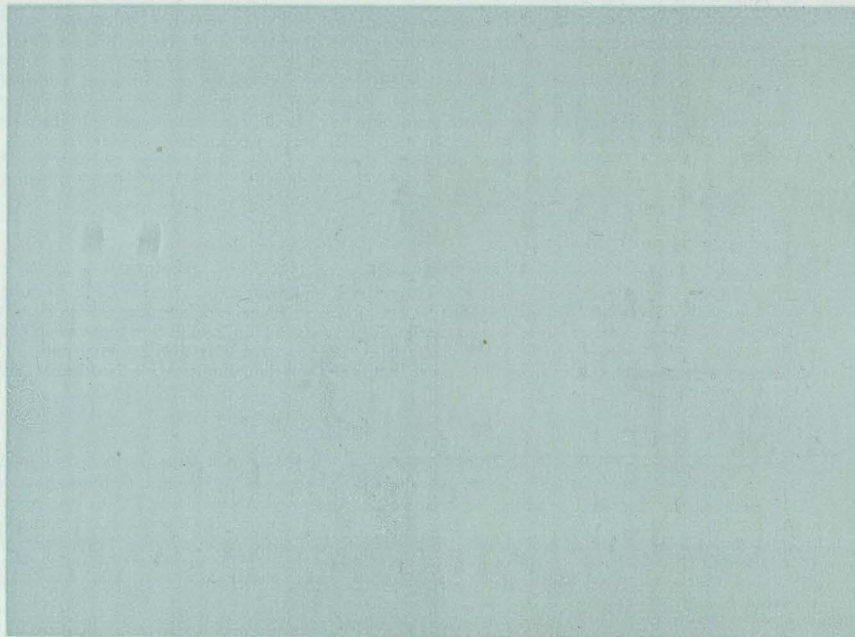
NAJI DEEB



NUR A. HAWA



KAMAL I. KHURY





ALBERT A. KURAN

NAJI DEEB

Instructor in Engineering. — B.A. 1940 (A.U.B.) B.Sc. in Electrical Engineering, 1948, University of Louisville, U.S.A., 1951-52 took graduate courses at St. Louis University. Taught in different Colleges. Worked for the Ministry of National Economy, in charge of Lebanese Electrical Concessions (Sub-Stations and Networks), and as consulting Engineer for different companies in Lebanon and overseas.

NUR A. HAWA

Instructor. — Diploma (Hons.) 1959, College of Aeronautical Engineering, London. National Certificate in Mechanical Engineering and Higher National Certificate in Production Engineering, 1955. 1941-1946 Chargeman of Fitters, Royal Naval Armament Depot, Haifa, Palestine. 1949-1951 Worked with the De-Havilland Aircraft Co. Ltd. 1951-1953 Assistant Foreman, Middle East Airlines, Beirut. 1953-1955 Designer Draftsman with the De-Havilland Aircraft Company Ltd., London. During his studies in England attended several Aircraft and Engine manufacturer's courses also a comprehensive course at the National Gas Turbine Research and Development on jet engines. Also has the British Ministry of Civil Aviation and the U.S. Civil Aeronautics Administration Ground Engineer's Licences on Aircraft Engines.

KAMAL I. KHURI

Lecturer — Instructor of City Planning. B.S.C.E. 1953, (A.U.B.), Graduate work in Highway Traffic and Cert. in Highway Traffic 1954-1955 Yale University. 1953-54 did individual research and study on transportation in Lebanon. 1955-58, Traffic Engineering consultant to the Lebanese Ministry of Public Works. Since March 1958 Traffic Engineer of the City of Beirut. 1955 wrote a research and professional paper on "Intersection Signal Delay" at Yale University's Bureau of Highway Traffic.

ALBERT A. KURAN

Instructor of Mechanical Engineering. — 1951-1954, Virginia Polytechnic Institute, U.S.A. — 1953 B.S.M.E. — 1953-1954 Teaching Experience: (Graduate Work) Applied Thermodynamics, Refrigeration, Mechanical Eng. Lab, (Virginia Polytechnic Institute). Worked in International G. E. Co. under their engineering training program for foreign students. — pi tau Sigma, Honorary Eng'g Fraternity. — Who's Who in American Colleges and Universities. A.S.M.E. member



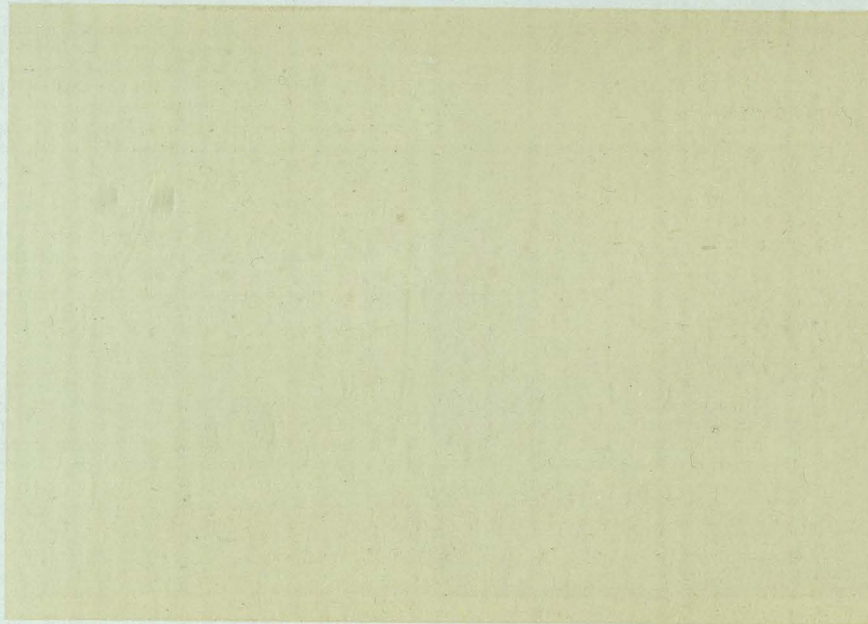
TERRANCE R. SEARL

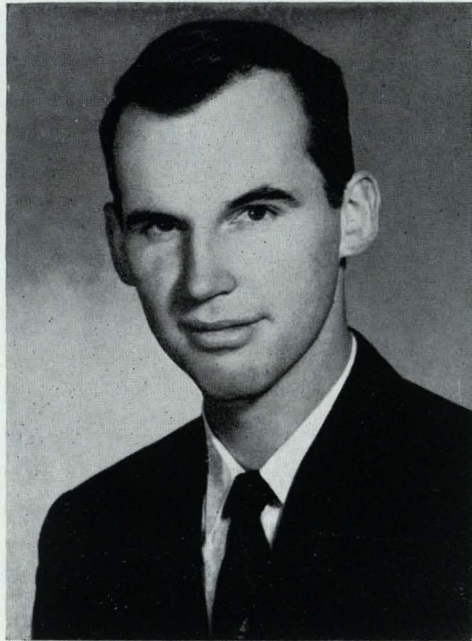


CONSTANTINE J. INGLESSIS



ADNAN W. BITAR





FRANK ARTHUR REGIER

TERRANCE RICHARD SEARL

Instructor in Engineering. — 1953 Bachelor of Science, Liverpool University. — 1953-1956 Ray Geophysical Company, U.S.A. — Working in Iraq in all phases of Gravity and Seismic methods of geophysical prospecting. Reached position of Observer, being responsible for running and maintaining electronic equipment, and taking charge of all field work. Later was responsible for computing seismic records. — 1956-57 Ray Geophysical Co., Jordan, again responsible for field work, and the running and maintaining of equipment.

CONSTANTINE J. INGLESSIS

Instructor in Engineering. — B.S.C.E., 1955, Swarthmore College, Swarthmore, Pa. 1952 worked on layouts and location surveys at Damon and Foster Civil Engineers and Surveyors, Sharon Hill, Pa. Summers 1953 and 1954, Draftsman at Scott Paper Co., Chester, Pa. Drafting and detailing of paper machines. — 1955-1956 Modjeski and Masters, Consulting Engineers, Philadelphia P.: did detailing and design on highway and bridge projects. Worked in detailing and design on the Administration Building, for the new Walt Whitman Bridge. Also worked on the Indiana Toll Road Bridge structures and on the Limited Access Highway in south Philadelphia. Junior Member, American Society of Civil Engineers. 1954 presented a paper on "Wind Tunnel Studies of Pressure Distribution on Roofs of Simple Block Structures" at the Students Convention of the American Society of Civil Engineers. — 1955 presented a paper on "Soil Identification by Thermal Analysis" at the Student Convention of same society.

ADNAN W. BITAR

Instructor in Civil Engineering — June 1951 B. Sc. in C.E., American University of Beirut. — January 1957, Master of Civil Engineering, University of California, Berkeley, California. — 1951-1952 and 1954-1956, worked as Construction and Civil Engineer respectively with trans-Arabian Pipe Line Company in Saudi Arabia. — 1952-1954, was drafted in the Syrian Army as second Lieutenant Engineer. — January 1957 to August 1957, worked as Structural Designer with Western Knapp Engineering Company, San Francisco. Junior Member, American Society of Civil Engineers Junior Member, American Concrete Institute.

FRANK ARTHUR REGIER

Instructor in Engineering. — 1955 B.S. in E.E. and 1957 M.S., University of California, Berkeley, California. — Dec. 1950 to March 1951 Boeing Airplane Co., Wichita, Kansas worked on testing fire-control radar equipment before its installation in aircraft. — 1951-1953 in the Army in charge of technical aspects of the radio monitoring section of a psychological warfare unit in Germany. — Summer 1954, Electronic Standards Laboratory, Naval Air Station, San Diego, California. — 1955-1957 Teaching Assistant in University of California. Summer 1956 Hughes Aircraft Co., Los Angeles: did electronic design work in connection with guided missiles. — Member of IRE and Sigma Xi.



Pins for building the Greenfield.



Won first prize for shot put.

## 25 YEARS SERVICE

*One evening, in the third week of November 1958, three men, long past the prime of life, with benign looks, smiling faces and eyes beaming with contentment and humility were, each one by himself, silently reviewing their past: their trials, their failures, their successes. It was obvious that their past had been beautiful and memorable. The occasion for which they were gathered, with some seventy others could only point to that. President J. Paul Leonard was about to honor all of them for service rendered to A.U.B. for a period of more than 25 years. We were very proud that among the seventy-three honored, three were from the Engineering Faculty: Professors, I.A. Khairallah, I.A. Rubinsky, and K.K. Yeramian. So as to know them more intimately, a Yearbook reporter interviewed them.*

Professor Khairallah seems to have been the sports type. "Back in 1908 we used to have staff field days" he said. Those were the days when his team (he was the captain) won the field day honors. "The prizes were fine leather medals made by the faculty wives." He won first prize for shot put; and was the runner up in Javelin. At times he indulged in tennis too.

Public speaking is his favorite activity, and he had the chance to be the spokesman for the School of Arts & Sciences at the inauguration of President Howard Bliss. He spoke too at the inaugural exercises for President Penrose. One time he was the president of the Alumni Club.

"In the interest of the tree, we are allowing the forest to burn" he said in connection with the degree of specialization students are subjected nowadays "In my days we were not allowed electives. Every student had to study Algebra, Geometry, Calculus, Astronomy, Botany, Zoology, Chemistry, Physiology, Arabic, English, History, etc... Only after the B.A. were we allowed to specialize" he concluded. Professor Khairallah believes that a student, as an undergraduate, should spend more time acquiring most of the basic fundamentals of the humanities and the sciences. Expanding on the same theme he continued, "Classes were smaller, so teachers could get to know each individual and help him in his weaknesses. They were educators, not instructors." Expansion, in spite of all its benefits, he believes, has its drawbacks.

As regards his specialty — Law, he has achieved much in the field. By introducing a number of Anglo-American Law ideals into Lebanese Law, the latter has attained international stature. He has also worked toward establishing reciprocity between Lebanese courts and a number of courts in the U.S.A. "Whereby the American courts accept decisions of our courts and enforce them without reexamination of the case," he explained. "Of course, this arrangement works the other way round too."

He has also compiled a summary of Lebanese and Syrian Law for an international publication.

As a friendly advice to students Professor Khairallah said: "To thine own self (your home, traditions, country) be true, and it shall follow, as the night the day, thou canst not then be false to any man."



By next June Prof. Rubinsky will have spent 33 1/2 years at A.U.B. During all these years he has witnessed and taken part in many a major development on the campus. As for example he with Professor Yeramian built the wonderful Greenfield with its exceptionally efficient drainage system.

He still remembers how scarce and dear were laboratory equipment in those early years. "It was after a great deal of difficulty that we were allowed to look at a transit", he said. Not only was equipment scarce, knowledge was too: So runs his story that one day during an examination a student was asked 'what makes a car run', after sweating all over, the un-informed student answered 'By steam. They pour water into the car at the front and steam comes out from behind. (The VolksWagon was not produced yet. Ed.)

In his student days Professor Rubinsky was interested in aviation. With a group of friends he started a club which experimented with model planes. So, at the turn of the century, when Russia started to industrialize, she called upon these young men to build her first airplanes. Professor Rubinsky was the technical manager of the first airplane factory built in Russia. At first he used to build the planes as well as fly them. "But then one winter", he said with a smile "I attached skis to the airplane and took off from the snowfield. When I came to land the snow was very thin, and the plane crashed. After that", he concluded, "I was asked to confine my efforts to the ground work."

The mind of an engineer, he believes, is trained so as to enable it to deal with complex problems, that others cannot, "If we had more engineers holding political and governmental offices, we would have less confusion and chaos", he explained.

He further believes that since Nature cannot be cheated, an engineer cannot get away by cheating. "Sooner or later", he said, "his wrong doing will catch up with him and he will be humiliated."

His advice to graduates is to learn how to deal with people and to apply their abilities to the organization of life.



... smiling faces and eyes beaming with contentment.



... reviewing their past: their trials, their failures, their successes.

One early morning in the Winter of 1922 a young man from Turkey came and stood in front of the International (Prep) College gate. Expecting a big reception party, and not getting one, he stood there till noon. He wanted to enter the Prep but did not know how to go about it. At last a boy showed up, and told him that all he had to do was to walk through the gate. The young man knew neither English nor Arabic. It should have been a very tough start.

His name was Khosrov Yeramian.

Professor Yeramian's interest in Engineering was first aroused when he read a physics book. He then built a kennel, and very early felt a natural inclination towards Engineering. He put all his energies into work and achieved his aim.

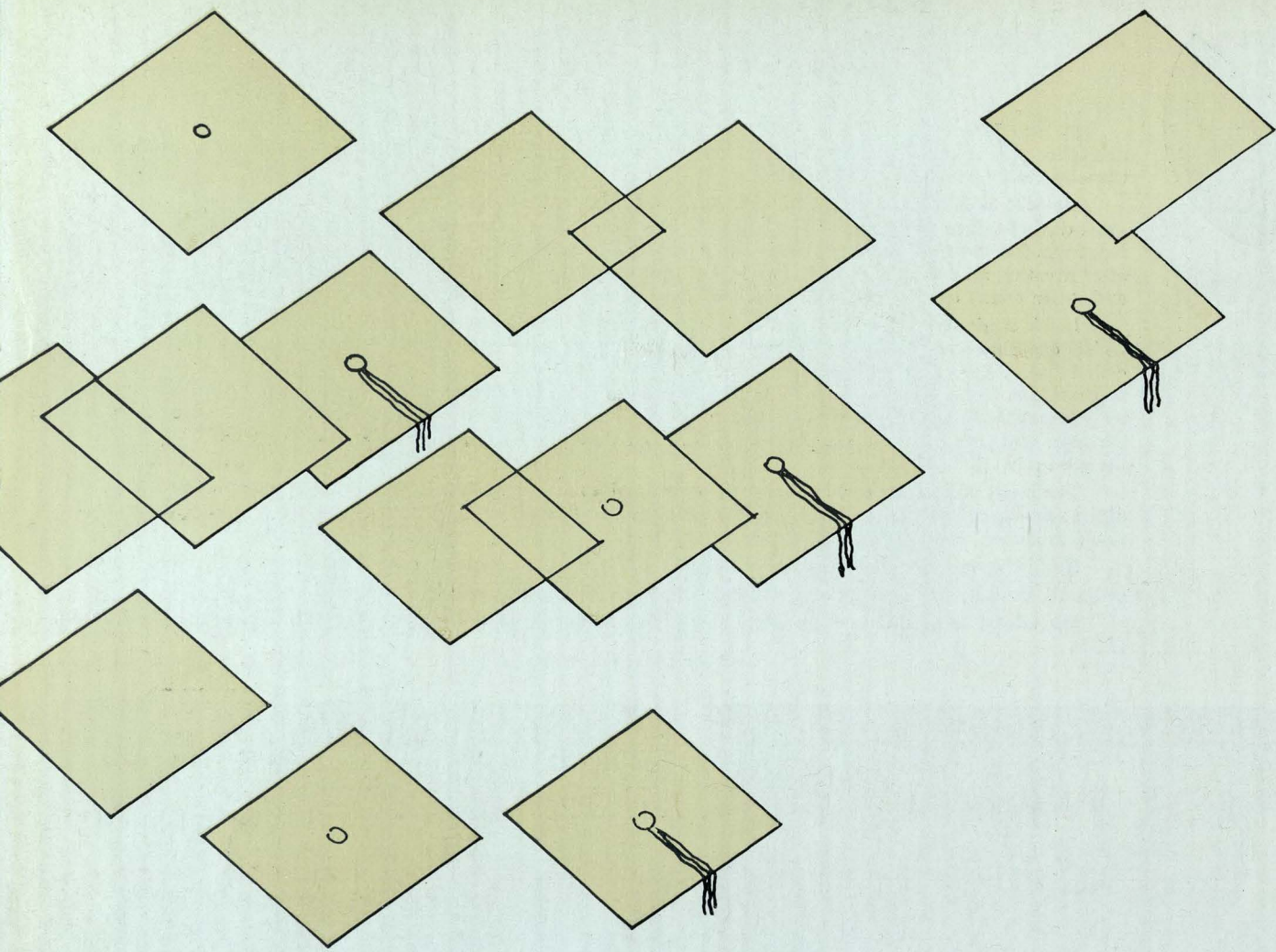
Professor Yeramian, believe it or not, played football and tennis during his Prep and Freshman years. He also had an interest in hockey; but once "they hit my foot with the ball so hard that I threw my club away and swore never to play the game again." He has not since.

During his student days he remembers that "the only difference between those who were majoring in Engineering and those in Mathematics was the course in Strength of Materials. Every body studied Philosophy, Astronomy, Bible, etc." While a student he was the Chairman of the Armenian Students Society. That was in 1926.

All in all he has completed 300 construction projects, including tunnels, roads and aqueducts. "But I think my most interesting job is the cathedral of Antilias." By using an old Roman principle he was able to have the dome of the cathedral supported on only two sets of arches. The interesting point is that he was not paid a single piaster for his efforts. "But I and my wife were the first couple to get married there. It was a first class wedding — free of charge."

Professor Yeramian believes that graduates should work a year, or two before continuing their post-graduate studies. "They will then know", he said, "what they are strong at or weak in and will make a more intelligent choice of their courses. At present we are producing better technicians, but not better Engineers", he said. "The human part of education is being neglected. But we are working on this problem and hope to solve it satisfactorily."

He urges future engineers to learn how to deal with people. He holds the opinion that "If people are treated properly, they will react properly, and the job will be done properly."



a charge to the class of 1959

C. KEN WEIDNER, *dean*



"It is by noble deeds that a man shall prosper in any land"

*As professional engineers and architects your main concern in life will be man and his civilizations.*

*Man is that inexplorable yet all important entity who arrives through the accident of birth into a family and society not of his choosing — and is thereafter steeped, trained, educated and pressed to live within the prejudices and mores of his inherited society. When the complex confusion of religious, social, political and intellectual prejudices, into which man is born is considered objectively, his development into a stable, intelligent adult is a major accomplishment in itself. That man can sometimes rise above these mental and psychological booby-traps and contribute something worthwhile to the progress of mankind is eloquent tribute to the Infinite which orders the universe.*

*Since man's beginning he has striven individually and collectively to improve his condition physically, intellectually and morally. He has produced many civilizations that have risen to the heights and then fallen. The causes for the falls have been recorded in many ways but underlying them all has been the failure of the leadership of the society in question.*

*Our modern civilization is unique in that it contains a group of private individuals who have dedicated themselves to service to their fellow man before profit to themselves. This group is known as the learned professions. It is to this group that the world now looks for genuine leadership and true guidance. This professional body is multi-national and includes all of the free private practitioners in all the learned professions in all the nations of the world. This group, which places service before self, is the hope of the modern world. You have now joined these ranks and you must henceforth assume the full responsibility which springs from that privilege.*

*As you enter the practice of your profession, man and his civilizations are in a turmoil. Some of you have indicated that you have grave doubts about the future and what it may hold. I believe that if you approach the future with courage and intelligence you will not only be successful but you will be able to make a real contribution to the development of your area and the people in it.*

*Victor Hugo defined the future this way — "The future has several names; for the weak it is the impossible; for the faint hearted it is the unknown; for the thoughtful and the valiant it is the Ideal!" For all of you the future should be the Ideal!*

*To make the future the Ideal you must do your part with sincerity and enthusiasm. As you start practicing your chosen profession you will soon become aware of the fact that man usually has enough of everything to meet a given situation except tolerance. You will find tolerance the most scarce and yet the most important of human attributes.*

*H. W. Robinson said — "Tolerance is the positive and candid effort to understand another's beliefs and habits without necessarily sharing or accepting them." Most people have a negative one way type of tolerance. That is they know others are "intolerant" of their ideas, but they do not recognize their own reactions as being intolerant of the ideas of others.*

*There are very few problems facing man and his civilizations today that would continue to be the problems they now are, if everyone concerned acted with a reasonable degree of tolerance.*

*As professional engineers and architects your activities will bring you into positions to influence your area for good or evil. You will, of course, use your influence honestly for good. If in addition to your professional attitude and dedication, you can bring to all the public problems you face, real tolerance, you will multiply your influence for good many times.*

*I therefore charge you to make the development of genuine two way tolerance in your own personality your first and continuing order of business. Then your individual and collective professional future will be "Ideal".*

"God be with you and bring success to your worthy efforts".

« أخذ الله بيديكم وكلل جهودكم بالنجاح »



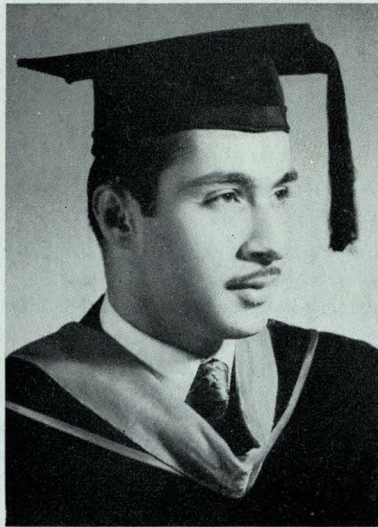
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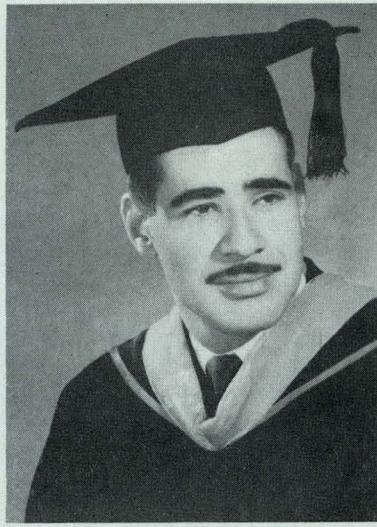
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BACHELOR OF  
ENGINEERING

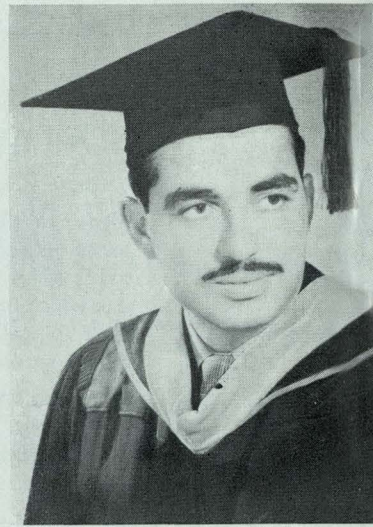
MAJOR CIVIL



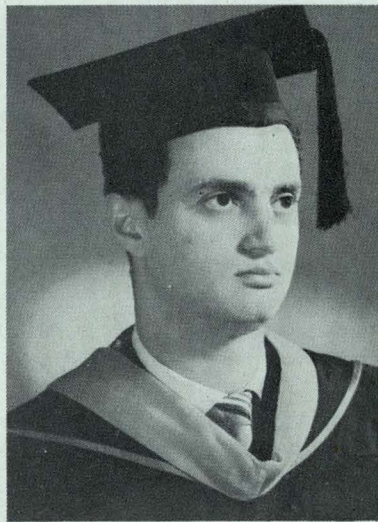
**Khaled Abdunnur**  
*Souk-el-Gharb, Lebanon*  
Yearbook Committee, 56-59; Manager,  
Yearbook Graduate Section, 58-59; Show  
Committee, 58-59.



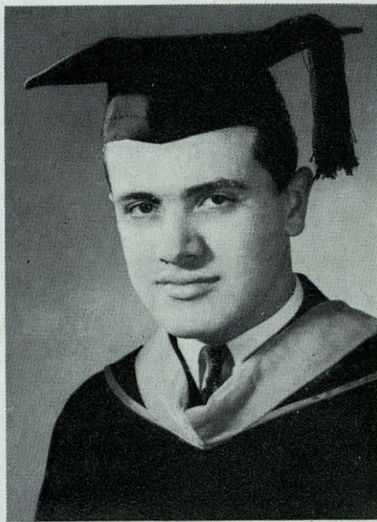
**Ibrahim A. Abu-Ayyash**  
*Beit Ommar, Hebron, Palestine*  
Member, Cultural Subcommittee, 57-59;  
Promotion and Control Manager, corpora-  
tion, 58-59; Member, Judiciary Com-  
mittee, 58-59.



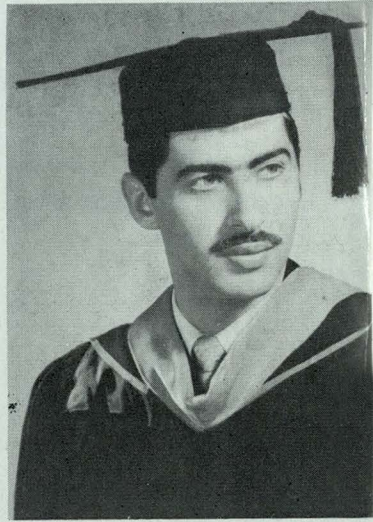
**Haydar H. Abu-Jaber**  
*Amman, Jordan*  
Major League football, 55-59; Varsity  
football, 57-58; Track and Field, 55-59;  
Chairman, Athletic Committee, 58-59;  
Chairman, A.U.B. Ping Pong Club, 57-58;  
Chairman, A.U.B. Photography Club,  
58-59.



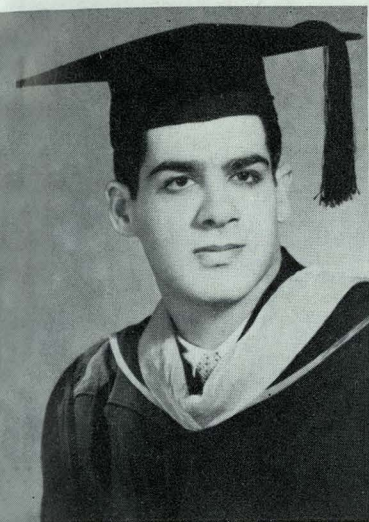
**Khaled S. Al-Awar**  
*Kornayel, Lebanon*



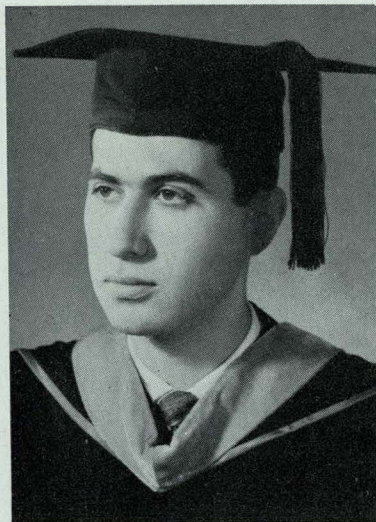
**Hassan A. Ayyad**  
*Beirut, Lebanon*  
Business Associate, Yearbook, 58-59.



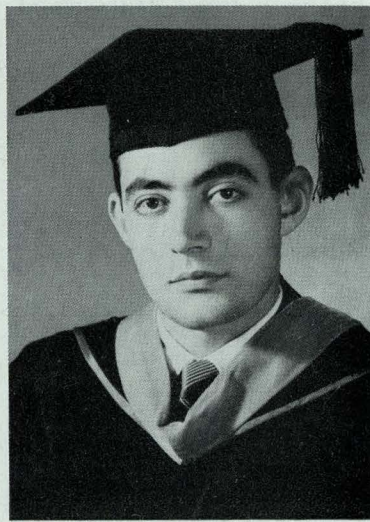
**Hani M. Azar**  
*El-Husn, Jordan*  
President, A.U.B. Chess Club, 56-57;  
Member, Cultural Committee, 56-58;  
Eng'g Chess team, 58-59; Business Man-  
ager, Yearbook, 57-59.



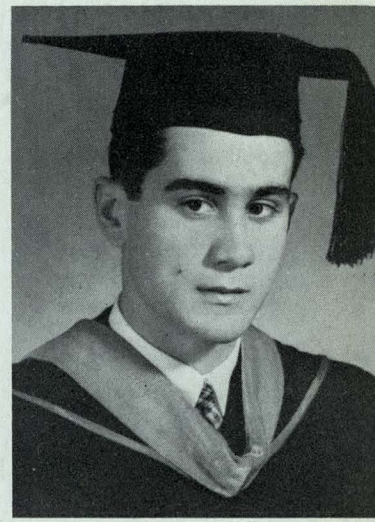
Ahmad M. Abul-Hawa  
Jerusalem, Palestine



Nabil C. Acra  
Jerusalem, Palestine  
Track and Field, 57-58.



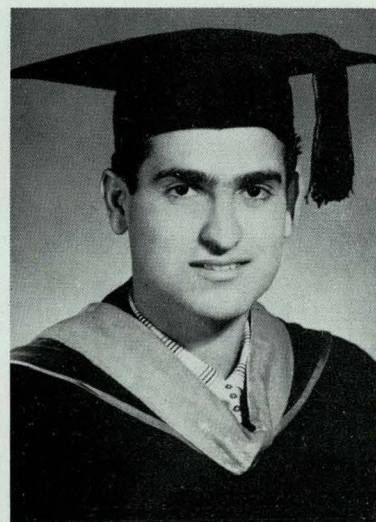
Muhammad Agha  
Acre, Palestine  
President, P.M.S. 58-59; Radioactive  
Isotopes Certificate (Physics Dept.) 58;  
Published research papers: The Crescent  
Visibility Theory, 57; The Planetary  
Visibility Theory, 59; Approaching  
Boolean Algebra, 58.



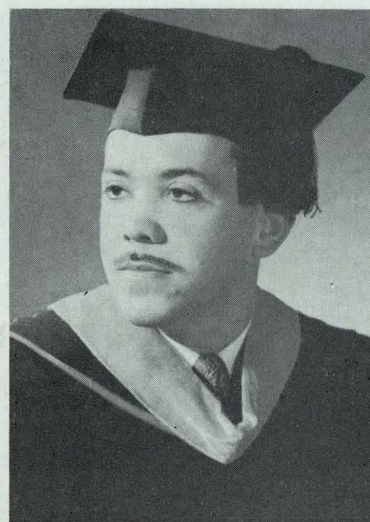
George Aghajanian  
Haifa, Palestine  
Major League football, 55-57; Track and  
Field, 55-59; Major League Volley ball,  
58-59; Vice President, Amateur Radio  
57-58; Finance Manager, Corporation,  
58-59.



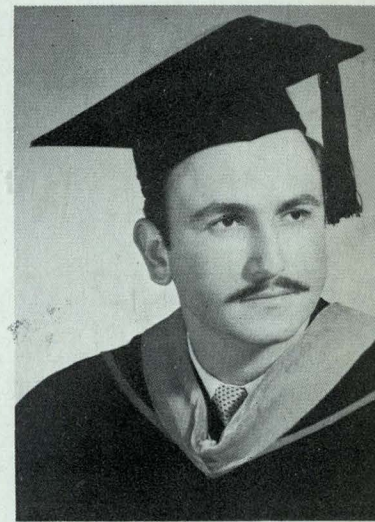
Ghassan J. Azuri  
Beirut, Lebanon  
Tug of war, 55-56; Ball Committee, 56-57.



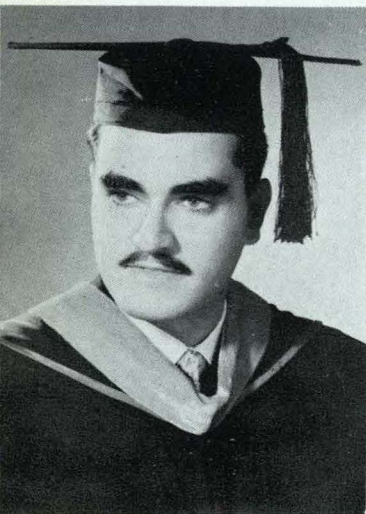
Edward Bakjejian  
Beirut, Lebanon  
Major League Basketball, 55-59; Captain,  
Basketball, 58-59; Varsity Basketball, 55-  
59; Member, Show Committee, 57-58.



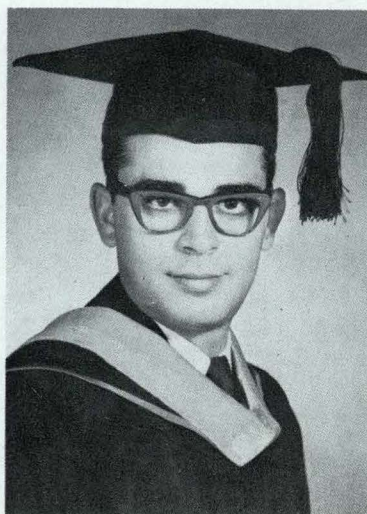
Suhayl Ragi Bathish  
Nazareth, Palestine  
Alurwa Alwuthka, 53-55; Manager, CWL  
Garden Party, 58.



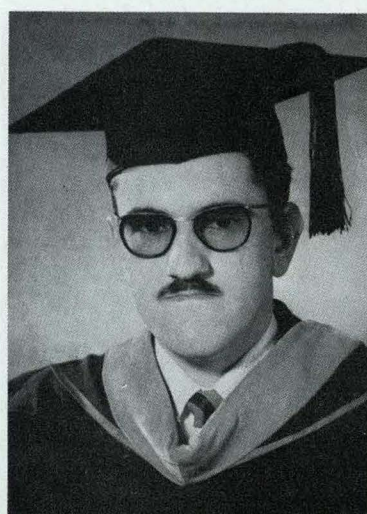
Nicolas Bikhazi  
Beirut, Lebanon  
Track and Field, 55-59; Major League  
Basketball, 57-58.



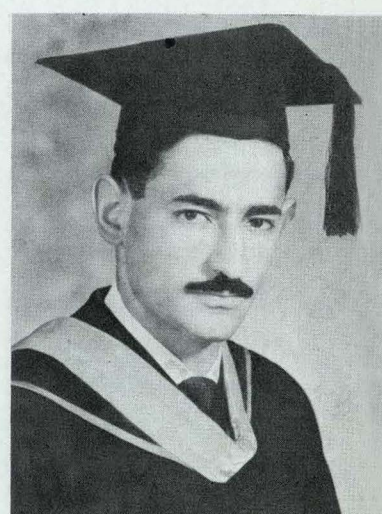
Hagop Boyadjian  
Beirut, Lebanon  
Show Committee, 58-59.



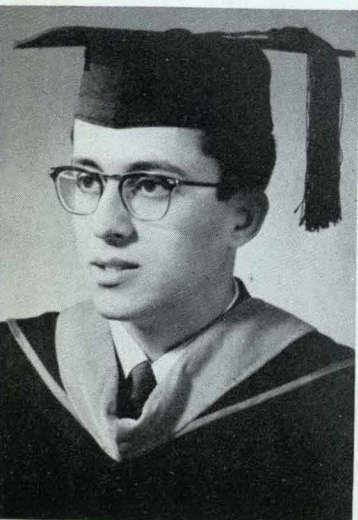
Zuhayr Z. Boulos  
Jerusalem, Palestine  
Track and Field, 55-59; Secretary, Literary Club, 55-56; A.U.B. Ushering Committee 54-59; Head Usher, 59; Show Committee, 57-59; Treasurer, Ball Committee, 57-59; Cheer Leader, 57-59; Track and Field Manager, 58-59.



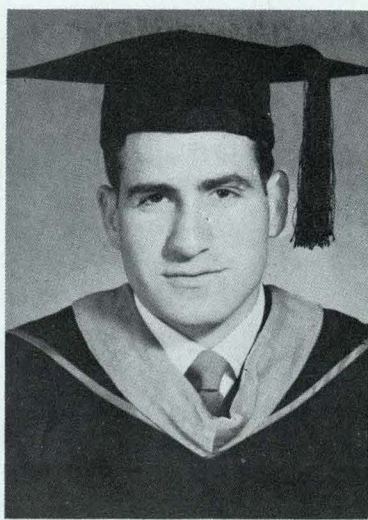
Ma'mun Diyab  
Damascus, Syria, U.A.R.



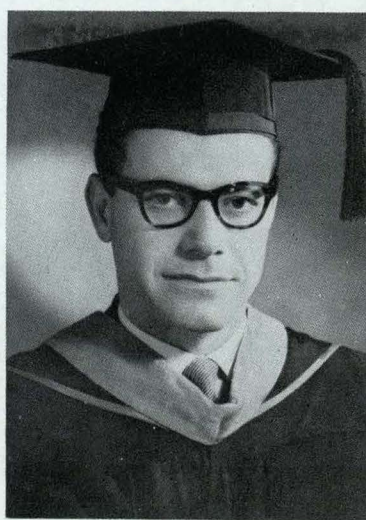
Hratch Etyemezian  
Amman, Jordan  
Secretary, French Society, 55-57; Yearbook Committee, 56-59; Yearbook Manager, 58-59; Major League Football, 55-59; Varsity Football, 55-57; Athletic Committee, 55-59; Show Committee, 56-59; A.U.B. Ushering Committee, 55-59; Secretary, Athletic Committee, 58-59.



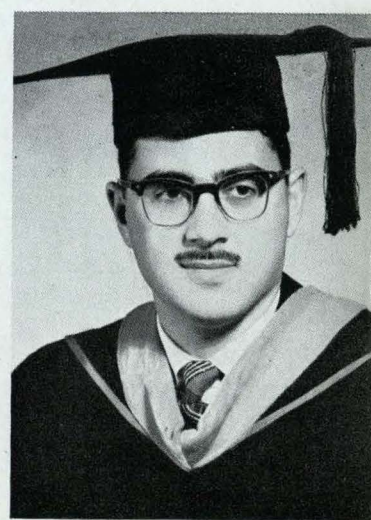
Jule B. Iskandar  
Nazareth, Palestine



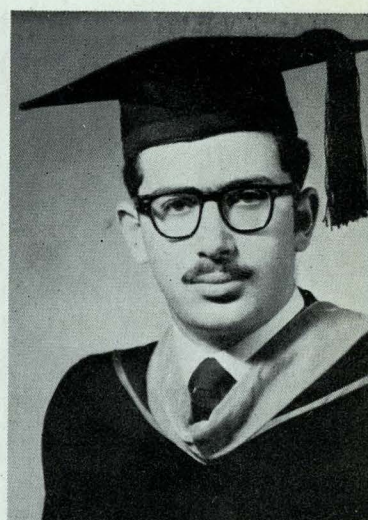
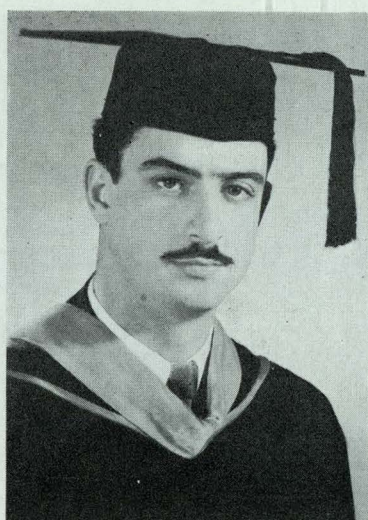
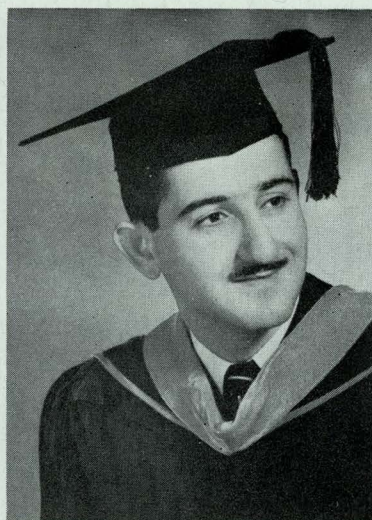
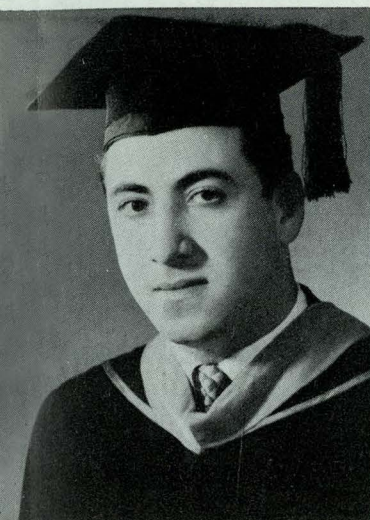
Samir Jahshan  
Jaffa, Palestine  
Varsity Football, 56-59; Captain, Varsity Football, 57-59; Captain, Track and Field, 57-59; Major League Softball, 57-59; Major League Tennis, 57-59; Record Holder, A.U.B. Low Hurdles, 59; Corporation, Summer 57.



Michel S. Gedeon  
Basra, Palestine  
Chairman, Literary subcommittee, 57-59; Public Relations Manager, Corporation, 58-59; Judiciary Committee, 58-59; Cultural Committee 57-59.



Najib G. Kawar  
Haifa, Palestine  
Outlook Reporter, 54-55; Secretary, Stamp Club, 54-55; Eng'g Chess Champion, 56-58; President, A.U.B. Chess Club, 57-58; President, Eng'g Chess Club, 58-59; A.U.B. Chess Champion, 58-59; Eng'g Chess Instructor, 58-59.

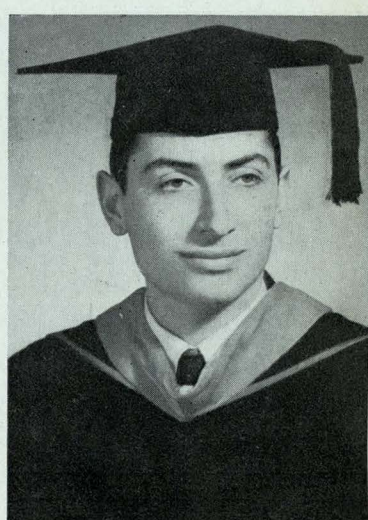
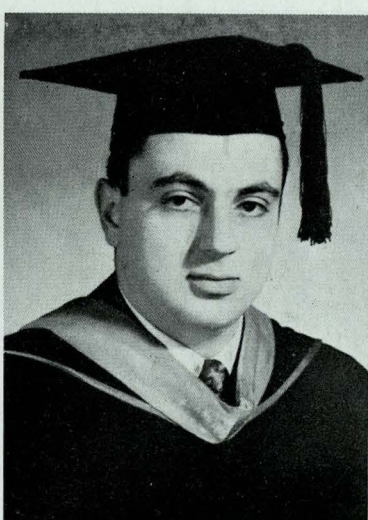
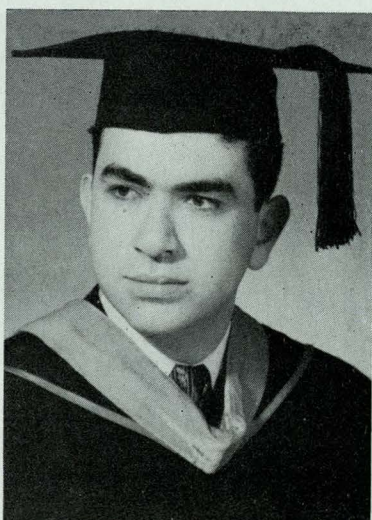


Ibrahim Ghattas  
Zahleh, Lebanon  
Tug of War, 55-59; Literary Subcommittee, 58-59.

Assadour Hadjian  
Jerusalem, Jordan  
Major League Volleyball, 56-59; Captain, Volleyball, 58; Member, Athletic Committee, 58; Member, Show Committee, 56-58; A.U.B. Ushering Committee, 55-59; Yearbook Committee, 56-59; Editor, Yearbook, 58-59.

Sadik Hanna  
Haifa, Palestine  
Manager, Literary Club, 55-56; Secretary, Show Committee, 56-58; A.U.B. Ushering Committee, 55-59.

Albert E. G. Hazbun  
Amman, Jordan  
Pres., Literary Club, 53-54; Alurwa Alwuthka, 53-55; Sec., Badminton Club, 54-55; Ed., Focus and Civics, 56-57; Gen. Know. Team, 56-57; Ed., Yearbook, 56-58; Eng'g Rep. to Outlook, 57-59; Editor-in-Chief, Outlook, 58 and 59; Coordi., Yearbook, 58-59; Judo Manager, 57-59.

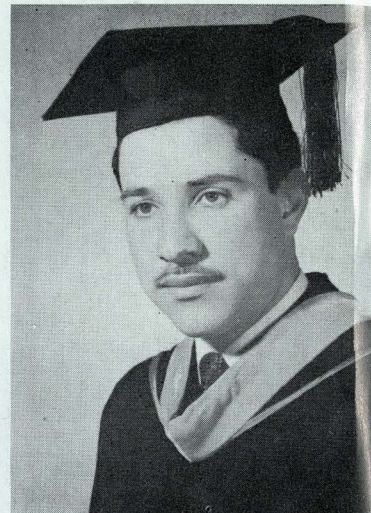
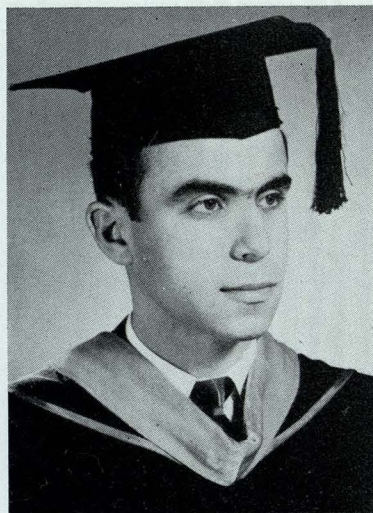
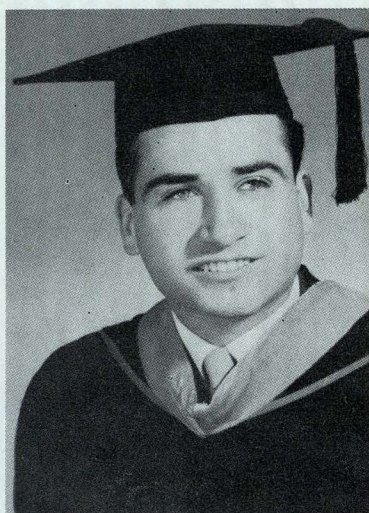
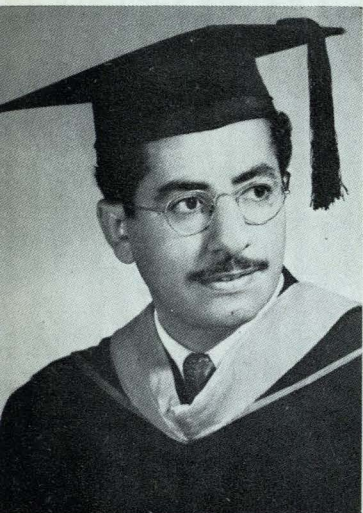


Farid Khuri-Makdisi  
Beirut, Lebanon  
Capt., Tennis, 56-59; Champ., Eng. Tennis 56-57; A.U.B. Tennis Man., 56-57; Varsity Tennis 58-59; Major Leag. Volleyball 55-57; Gen. Knowledge Team, 55-59; Treasurer, ESS, 57-58; Show Com., 57-58; Chairman, Bridge Club, 57-59; Music Com., 56-58; Outlook Music Critic 57-59; Ath. Com. 57-59.

Munir E. Khoury  
Jerusalem, Jordan  
Major League Marksmanship 57-59; Show Committee, 58-59; Yearbook Committee 58-59; Marksmanship Manager, 58-59.

Edward Kura'n  
Beino-Akkar, Lebanon  
Major League Tug of War, 55-59; Captain, Tug of War, 58-59; Judo Manager 57-58; Asst. Personal Manager, Corporation, 57-58; Treasurer, Lebanese Students League, 58-59; Manager, Physical Training, 58-59.

Fuad J. Kyriakos  
Beirut, Lebanon

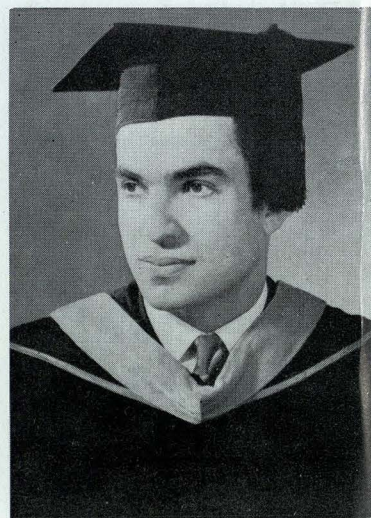
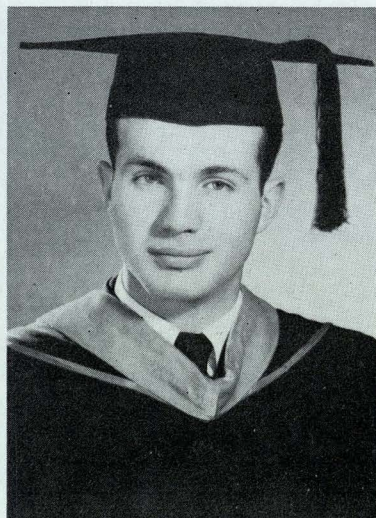
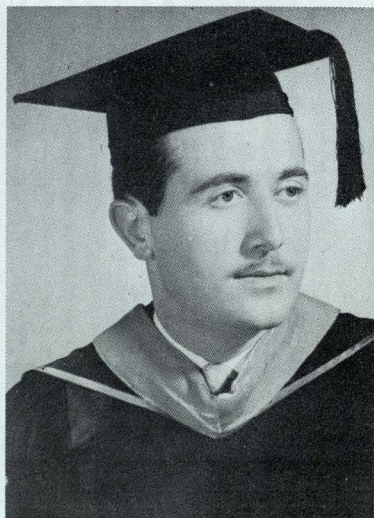
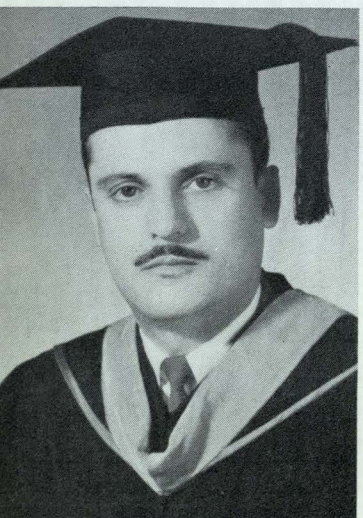


Yakub Mad-Allah  
Jubail, Saudi Arabia

Hanna Makhluf  
Raskifa, Lebanon  
Security Manager, Corporation, 58-59.

Salim N. Maksoud  
Beirut, Lebanon  
Major League Football, 56-58; Football  
Manager, 58-59.

Awni Fuad Masri  
Nablus, Jordan  
Show Committee, 55-59; Cultural Com-  
mittee, 56-59; Treasurer, A.U.B. Chess  
Club, 57-58; P.M.S. Social Committee,  
57-59; President, A.U.B. Chess Club,  
58-59; Chess Instructor, 58-59.

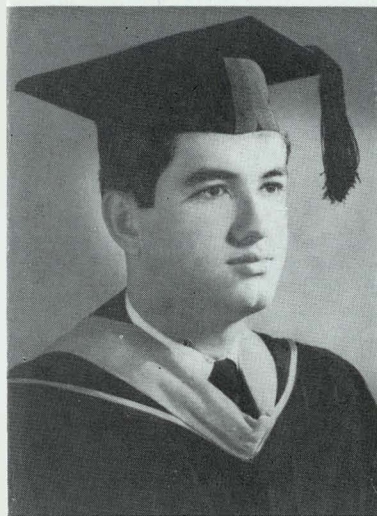


Michel H. Risk  
Nabatieh, Lebanon  
Secretary, CWL Village Committee,  
56-57; Chairman, CWL Village Com-  
mittee, 57-59.

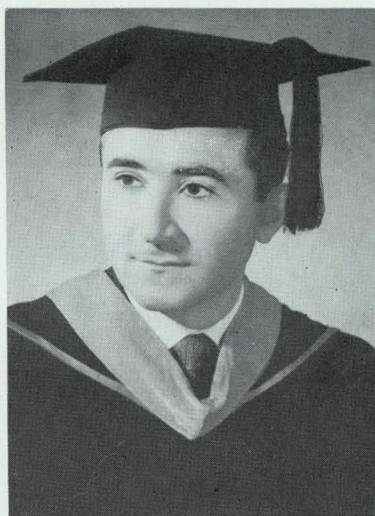
Awni M. As-Sakit  
Amman, Jordan  
Chairman, CWL, 57-58; Secretary, Show  
Committee, 57-59; Business Associate,  
Yearbook, 58-59; CWL Cabinet, 58-59.

Suhail Shehfe  
Beirut, Lebanon  
Associate Business Manager, Yearbook,  
57-59.

Nehmé J. Tohmé  
Mouktara, Lebanon  
Ball Committee, 55-56; ESS Cabinet,  
56-57; Chairman, Ball & Trip Committees,  
56-57; Yearbook Committee, Business Sec-  
tion, 57-59.



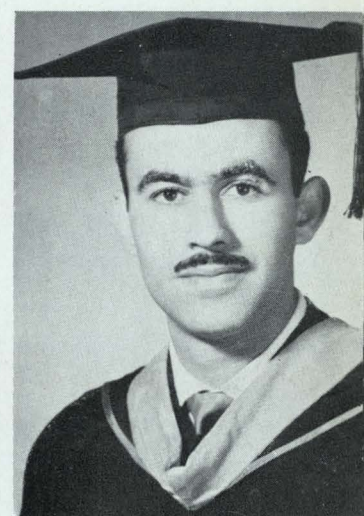
Fuad R. Munla  
Tripoli, Lebanon  
Yearbook Committee, 58-59.



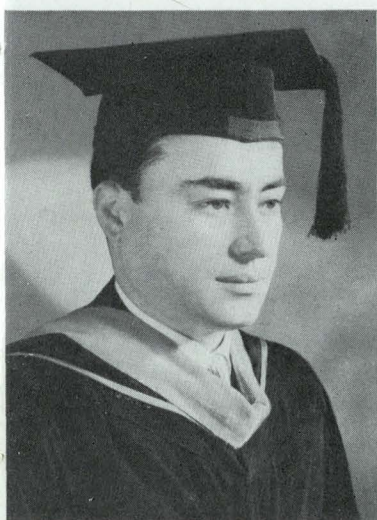
Mustafa M. Mustafa  
Sulaimania, Iraq  
Secretary, Judiciary Committee, 57-58.



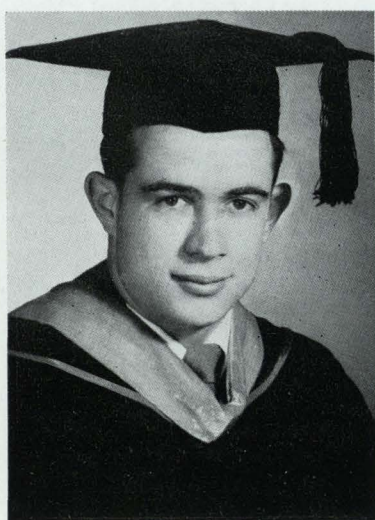
Farid N. Rayess  
Aley, Lebanon  
Art Subcommittee, 58-59.



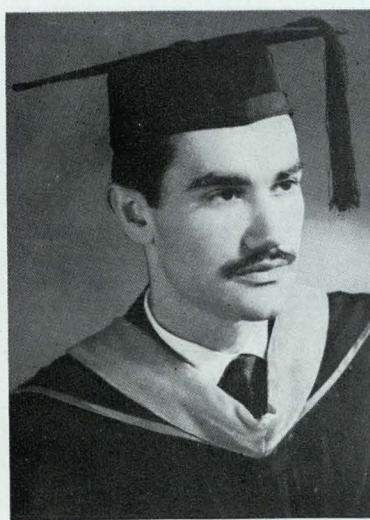
Fouad A. Rihani  
Al-Husn, Jordan  
Varsity Football, 55-59; Major League Football, 55-59; Captain, Football, 57-59; CWL Cabinet, 57-58; Yearbook Committee, Photography, 56-59; Athletic Committee, 57-59.



Faik Jamil Tutunji  
Amman, Jordan  
Eng'g Marksmanship Champion, 58; CWL Executive Committee, 59.



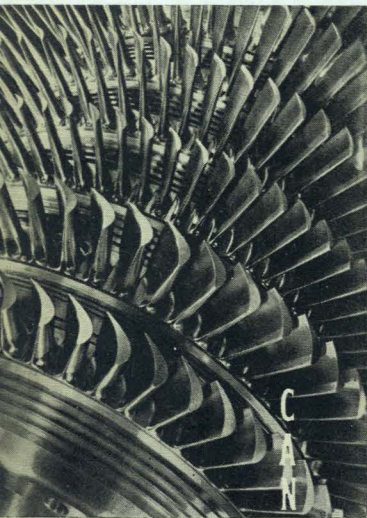
Polyvios C. Vintiades  
Port-Said, Egypt, U.A.R.  
President, Corporation, 58-59; Major League Basketball, 55-58; Yearbook Committee, 56-59; Yearbook associate editor 58-59; Show Committee, 57-58.



Krikor A. Yeretizian  
Beirut, Lebanon

"A structure unveils its nature and the most interesting aspects of its behavior to its creator, designer, and builder."

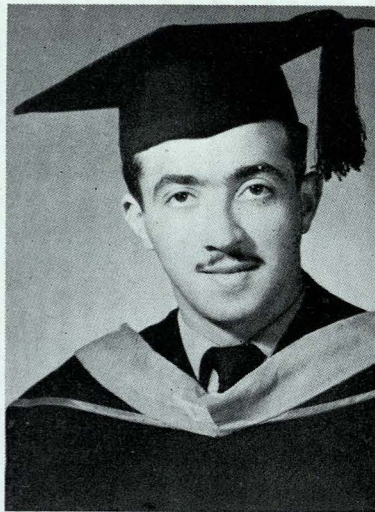
PIER LUIGI NERVI.



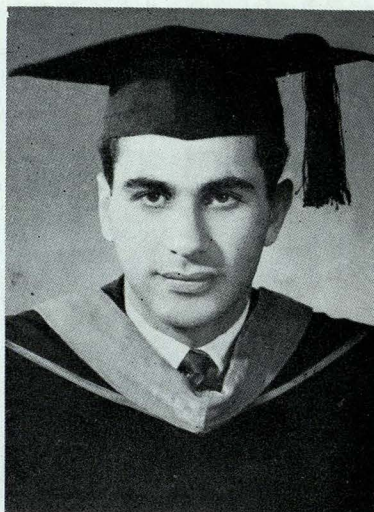
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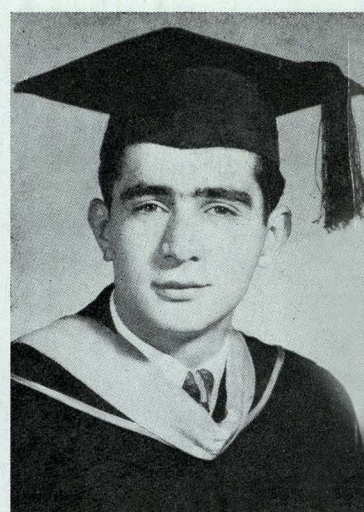
MAJOR  
MECHANICAL



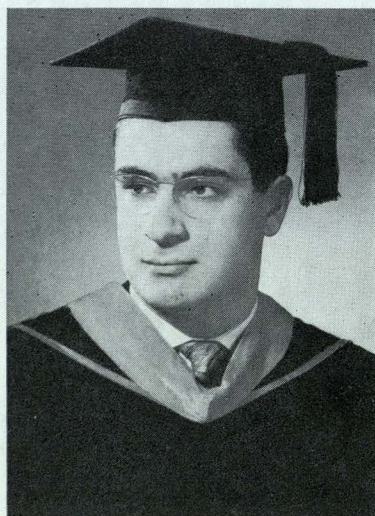
Shafik Abi Said  
*Aley, Lebanon*  
Show Committee, 55-58; Folk Dancing  
Committee, 54-55; Tennis Manager, 57-58.



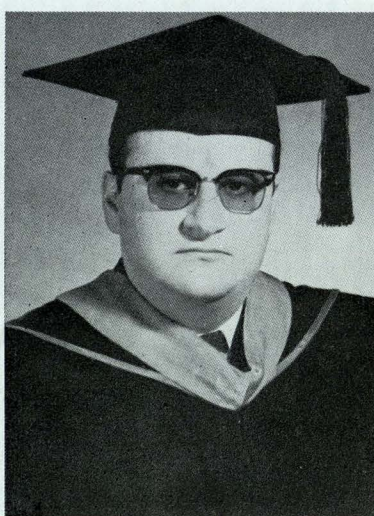
Rizkallah Jabr  
*Beirut, Lebanon*



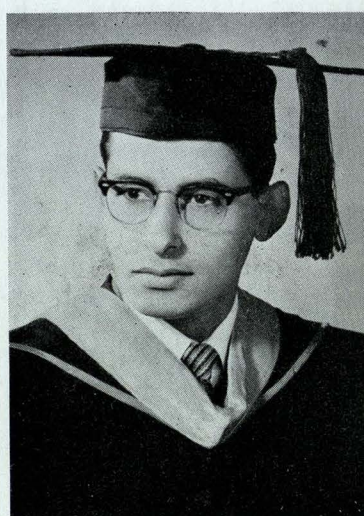
Ali Ja'far  
*Kumatieh, Lebanon*



George Nahhas  
*Beirut, Lebanon*  
ESS Band, 55-56; Ball Committee, 56-57;  
Yearbook Committee, 57-58; Personnel and  
Students Manager, Corporation, 58-59.

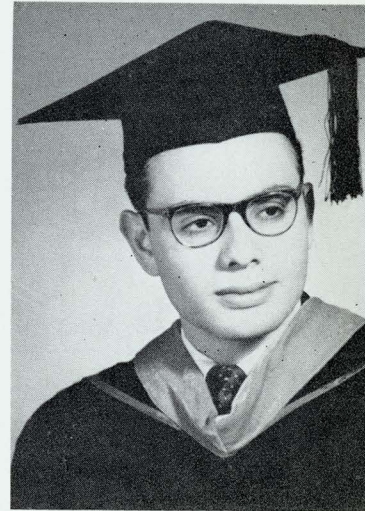
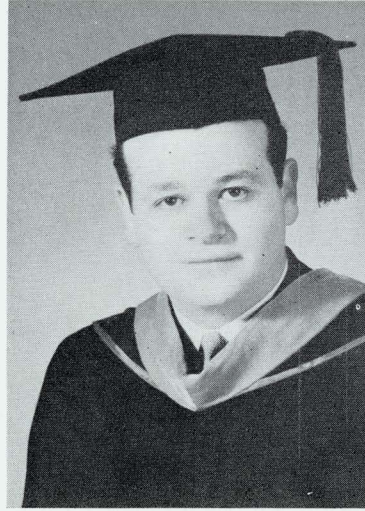
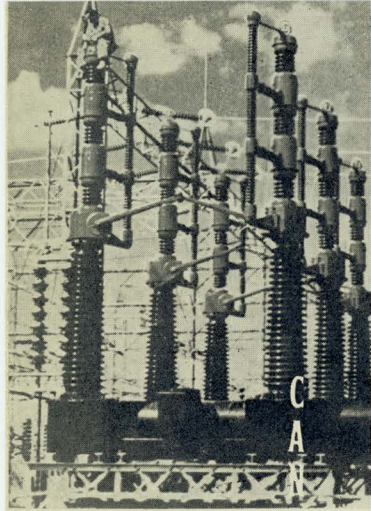
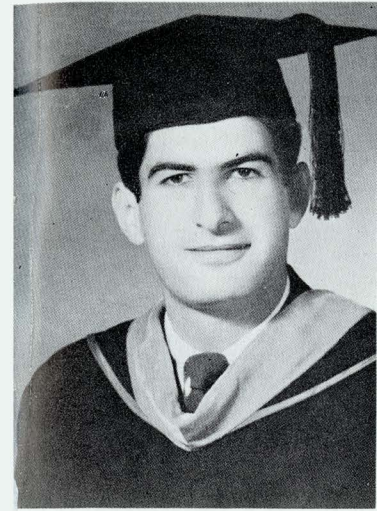


Fawzi Saba  
*El-Khoura, Lebanon*



Abdallah Ahmed Said  
*Dammam, Saudi Arabia*



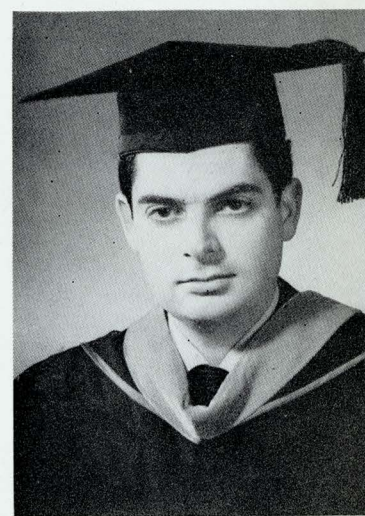
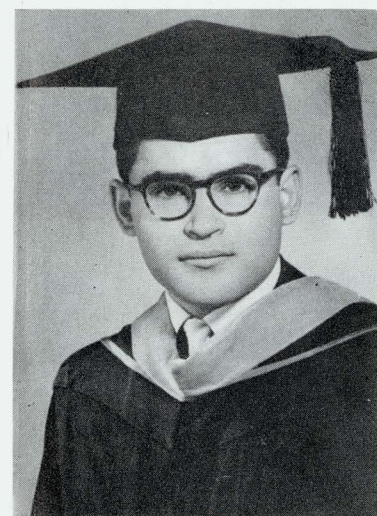


Munir Mur'i  
*Ain Ksour, Lebanon*  
 Field Manager, 57-58; Field Captain,  
 58-59; Athletic Committee, 58-59; CWL,  
 57-58.

Samir Abu-Hamzeh  
*Khoreibeh, Lebanon*  
 Member, Show Committee, 55-59; Tennis  
 Manager, 57-59.

Bahij Bawarshi  
*Beirut, Lebanon*  
 Treasurer, A.U.B. Chess Club, 58-59;  
 Member, General Knowledge Subcom-  
 mittee, 58-59; Eng'g Chess Team, 58-59.

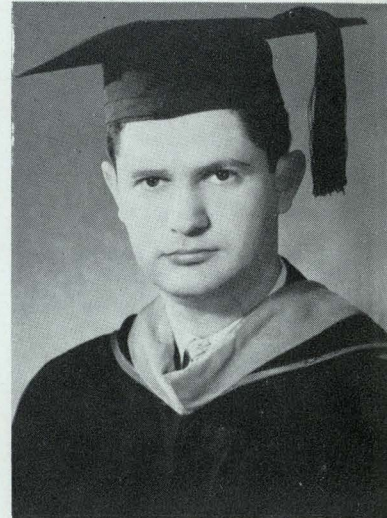
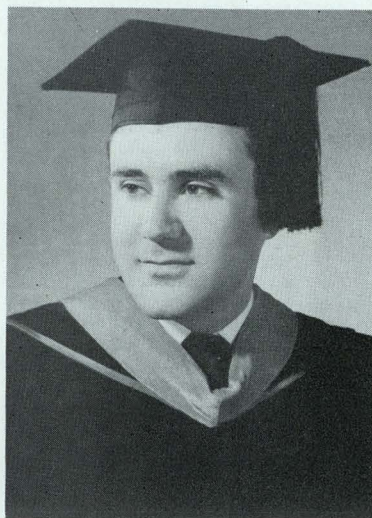
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Homer Saleh  
*Beirut, Lebanon*  
 Show Committee, 57-59; Yearbook Com-  
 mittee, 58-59; Production Manager, Cor-  
 poration, 58-59; Member, Judiciary  
 Committee, 58-59; Tennis Manager,  
 58-59; Lebanese Students League Com-  
 mittee, 57-59.

Suhayl Haddad  
*Irbid, Jordan*  
 Member, Cultural Committee, 58-59.

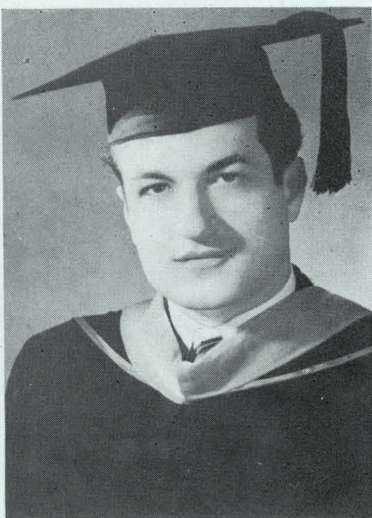
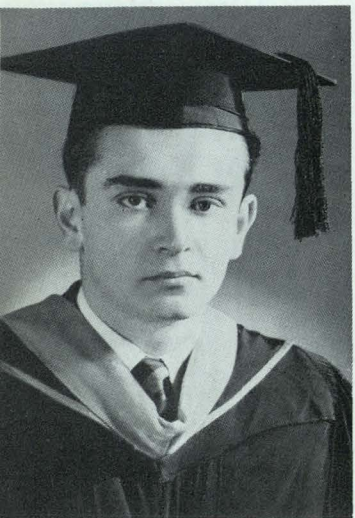
Zahi Haddad  
*Damascus, Syria, U.A.R.*  
 Member, Show Committee, 56-57;  
 Yearbook Committee, 56-57.



Munir M. Hawwa  
Tripoli, Lebanon  
Member, Show Committee, 56-57.

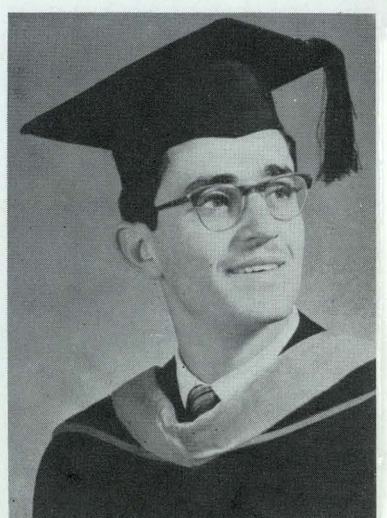
George Jurayj  
Rahbé Akkar, Lebanon

Saba Abdo  
Jerusalem, Palestine  
Yearbook Committee, 56-59; Manager,  
Yearbook Photography 58-59; Secretary,  
Corporation, 58-59.



Haig K. Kistosturian  
Teheran, Iran

Yusuf Salman  
Ramliéh Aley, Lebanon  
Member, Cultural Subcommittee, 58-59;  
Research Manager, Corporation, 58-59.

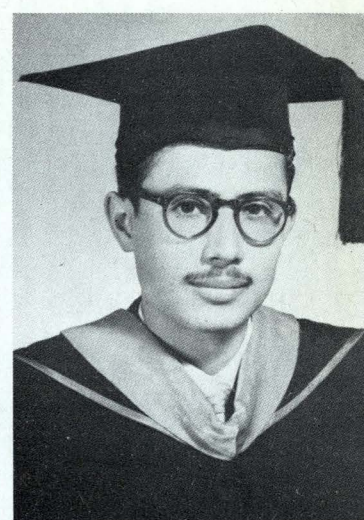
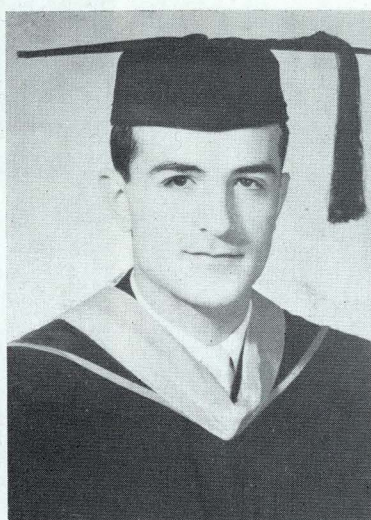
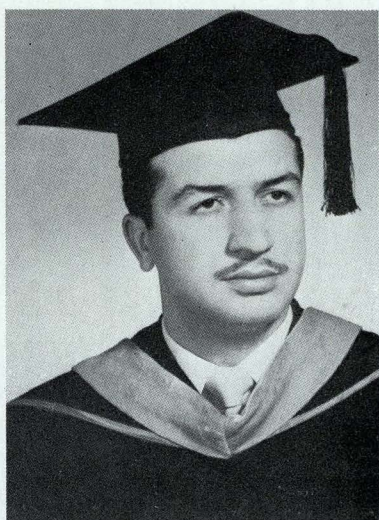
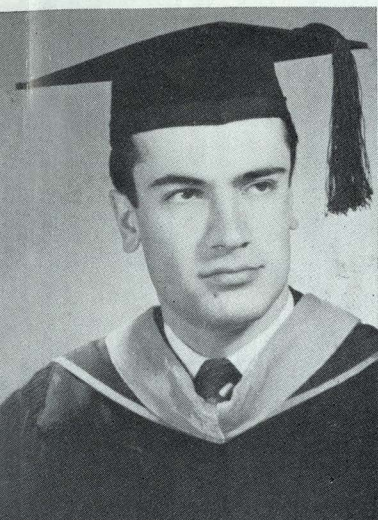


Antoine Haddad  
Beirut, Lebanon  
Manager, Life Saving, 54-56; New Stu.  
Prog. Com., 55-58; Chairman Poster Pins  
Ribbons Com., 57-58; Sec. Athlet. Com.,  
56-58; Man., Water Sports & Mount Clim-  
bing, 56-58; Maj. League Basket, 56-58;  
Pres., P.M.S. 57; Decor. Manager, A.U.B.  
Athletics, 57-59; Trip Committee, 58-59.

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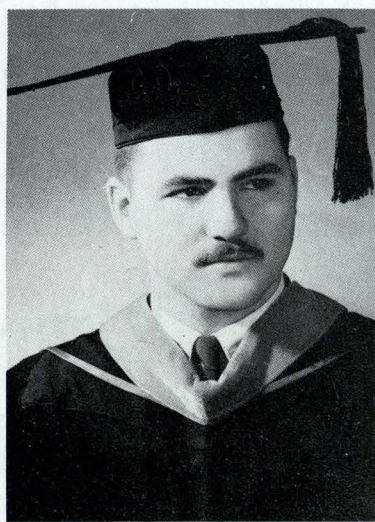
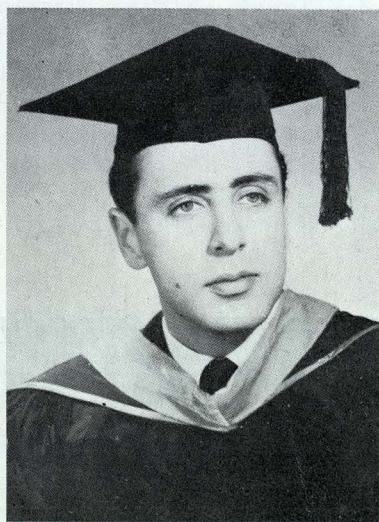
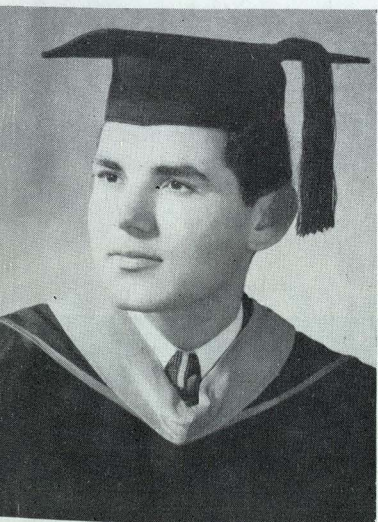


Sabah H. Abi-Hanna  
*Hamat, Lebanon*  
 Show Committee, 55-56; Decoration Manager, P.M.S. 56-57; Major League Volleyball, 56-59; Manager, Volleyball, 58-59; Decoration Manager, Ball Committee, 58-59; Vice President, Corporation, 58-59.

Emmanuel M. Asmar  
*Kameshly, Syria, U.A.R.*

Michel Dahdah  
*Zghorta, Lebanon*

Hatim Ghunaym  
*Amman, Jordan*  
 Show Committee, 57-58, Literary Subcommittee, 58-59; Art Subcommittee, 58-59.



Talat Kawalit  
*Karak, Jordan*

Antoine Mamari  
*Beirut, Lebanon*  
 ESS Cabinet, 56-59; President, ESS, 58-59; Director, ESS Show, 57-58; Manager A.U.B. Marksmanship, 57-58; Yearbook Committee, Photography, 55-58; Manager Yearbook Photography, 57-58; Athletic Committee, 57-58.

Diran Srabian  
*Beirut, Lebanon*  
 General Knowledge Team, 55-59; ESS Band 55-59; Music Appreciation Committee, 57-58; Yearbook Committee, 57-59; Manager, Yearbook Layout, 58-59; Trip Committee, 57-58.

"What people want, what they desperately need, is some communication of the spirit, some quality of the soul."

FRANK LLOYD WRIGHT.

# CLASS OF 1960

## CIVIL, SECTION I

FIRST ROW : KNEELING

LEFT TO RIGHT

Wahib Salim

*Amioun-el-Koura, Lebanon*

Ahmad Muh. Al-Abd

*Nablus, Jordan*

William Haddad

*Jaffa, Palestine*

Vice President, E.S.S.;

Chairman, Ball Comm.;

Literary Comm.

Joseph Abdallah

*Aleppo, Syria, U.A.R*

Music & Art Comm.;

Yearbook Comm.

Setrak Balian *Beirut, Lebanon*

Show Comm.

SECOND ROW :

LEFT TO RIGHT

Ibrahim Samaha

*Beirut, Lebanon*

Fuad Hayik

*Zackrit-el-Metn, Lebanon*

Raja Halazun

*Jaffa, Palestine*

Alfred Rizk

*Haifa, Palestine*

P.M.S. Social Comm.;

Summer Corporation Member;

Eng'g Chess Team;

Chess Comm.;

General Knowledge Comm.

Usamah Nahhas

*Damascus, Syria, U.A.R.*

Yearbook Committee

Leonidas Diamandis

*Odessa, Russia*

President Lonely Hearts Club

of A.U.B.

Adil Abu-Nasr

*Beirut, Lebanon*

Member, Athletic Comm.;

Major League Tug of War;

Track and Field; Swimming

and Physical Culture Manager

THIRD ROW :

LEFT TO RIGHT

Ali Suhaymat

*Kerak, Jordan*

Fuad Fulayhan

*Beirut, Lebanon*

Nizar al-Milli

*Jidda, Saudi Arabia*

Nadim Abu-Rahmah

*Haifa, Palestine*

Trip Comm.; Track & Field

Zohrab Mardirossian

*Basra, Iraq*

Major League Football

Hagop Manuelian

*Beirut, Lebanon*

Vram Yegparian

*Beirut, Lebanon*

Vice-Chairman, Ball Comm.;

Yearbook Comm.;

Chairman, Folkdance Club, A.U.B.

Hanna Lubbat

*Jerusalem, Palestine*

Track & Field

FOURTH ROW :

LEFT TO RIGHT

Samie Alam-Ud-Din

*Beirut, Lebanon*

Varsity Football;

Varsity Softball;

Major League Football,

Softball and Tennis

Naim Ash-Sha'

*Beteran-el-Koura*



## CIVIL, SECTION II

FIRST ROW :

KNEELING

LEFT TO RIGHT

Abdul-fattah M. Abdallah

*Deir-el-Ghossoun, Tulkarm,*

*Palestine*

Stepho Mushabbak

*Jerusalem, Palestine*

Nazih Nasrallah

*Amman, Jordan*

Wail Sadi

*Acre, Palestine*

Faruk Zayn

*Damascus, Syria, U.A.R.*

Edward Zakhariyya

*Jaffa, Palestine*

Treasurer E.S.S.;

Chairman Trip Comm.;

Social Comm. P.M.S.;

Life Saving Manager, A.U.B.

Nabih Aburjaily

*Beirut, Lebanon*

SECOND ROW :

LEFT TO RIGHT

Haralambos Harris

*Chios, Greece*

President, Summer Corporation;

Yearbook Comm.;

Show Comm.;

Major League Softball.

Mahmud Abdul-Baki

*Ainbal-el-Shouf, Lebanon*

Edward Akkawi

*Jaffa, Palestine*

Chairman, Debating Club A.U.B.

Chairman, General Knowledge

Subcomm.; Trip Comm.;

Chess Comm.;

General Knowledge Team

Daud Dallal *Jaffa, Palestine*

Adnan Dirbas *Saffad, Palestine*

Murad Ghulmiyyah

*Marjeoune, Lebanon*

Yearbook Comm.

Robert N. Hakim

*Jaffa, Palestine*

Hovhannes Jesmajian

*Alexandretta, Turkey*

Isam Mahir

*Ain-Kani, Lebanon*

Vahe Melkonian

*Beirut, Lebanon*

THIRD ROW :

LEFT TO RIGHT

Nadim Zakhariyya

*Jerusalem, Palestine*

Treasurer, Chess Subcomm.;

Yearbook Comm.;

Major League Softball;

Member, Summer corporation

George Sallum

*Homs, Syria, U.A.R.*

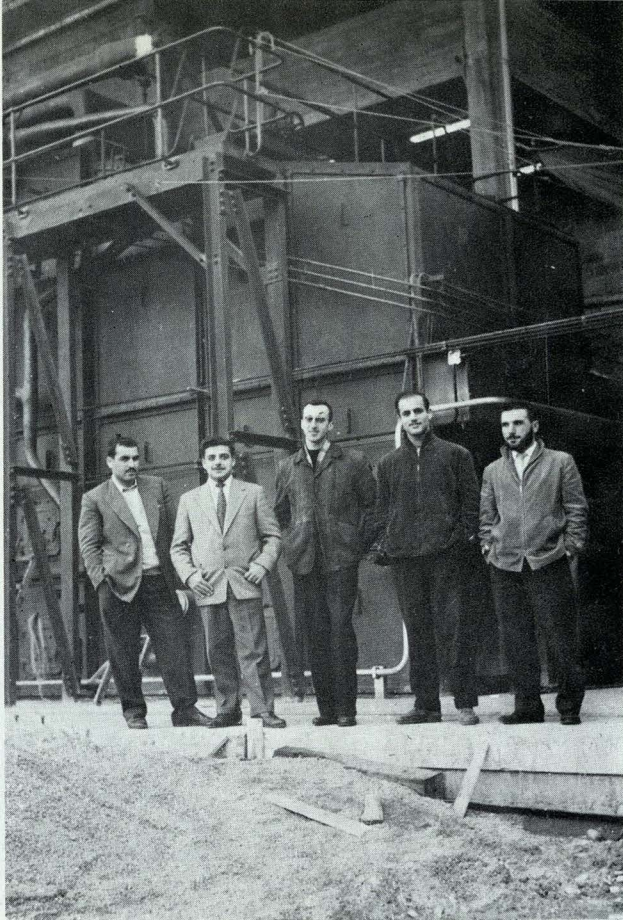
Major League Tug of War

Physical Training co-manager

John Ubayd

*Amioun-el Koura, Lebanon*





## MECHANICAL

LEFT TO RIGHT

Isa Kassis

*Birzeit, Palestine*  
Secretary, Summer Corporation;  
Chess Subcomm.;  
General Knowledge Comm.;  
Secretary; Cultural Comm.

Halim Hamd

*Abadieh, Lebanon*

Bedros Najarian

*Beirut, Lebanon*  
Yearbook Comm.; Ball Comm.;  
Secretary, Photography  
Club of A.U.B.

Samir Hamzah

*Souk-el-Gharb, Lebanon*  
Yearbook Comm.;  
Chess Subcomm.;  
Show Comm.;  
Outlook Staff

Abdallah Ghusn

*Monsif, Lebanon*  
Ball Comm.;  
Trip Comm.;  
Show Comm.;  
Summer Corporation Member



## ELECTRICAL

FIRST ROW :

LEFT TO RIGHT

Fathi Khalaf

*Attil-Tulkarm, Jordan*

Elie Shibli

*Beirut, Lebanon*

Ralf Chism

*Iowa City, Iowa, U.S.A.*

SECOND ROW :

LEFT TO RIGHT

Nadim Sayigh

*Zahle, Lebanon*

Usamah Rayyis

*Damascus, Syria, U.A.R.*

Music Sub-Comm.;

Ball Comm.

Farhad Irani

*Haifa, Palestine*  
Show Comm.;  
Chess Subcomm.;  
Chairman Bridge Club of A.U.B.;  
Literary Sub-Comm.;  
Outlook Staff

THIRD ROW :

LEFT TO RIGHT

Adib Sulayman

*Kuneitra, Syria, U.A.R.*

Rashid Nassar

*Jerusalem, Palestine*

Cultural Comm.

Samir Risha

*Aitunit, Bekaa, Lebanon*



## ARCHITECTS

FIRST ROW :

LEFT TO RIGHT

Jafar Tukan

*Jerusalem, Palestine*  
Secretary of E.S.S.  
Show Committee Chairman;  
Yearbook Comm.

George Ghurayyib

*Deir-el-Kamar, Lebanon*

George Mandossian

*Jerusalem, Palestine*  
Basketball Major League;  
Show Comm.

SECOND ROW :

LEFT TO RIGHT

Stelio Scamanga

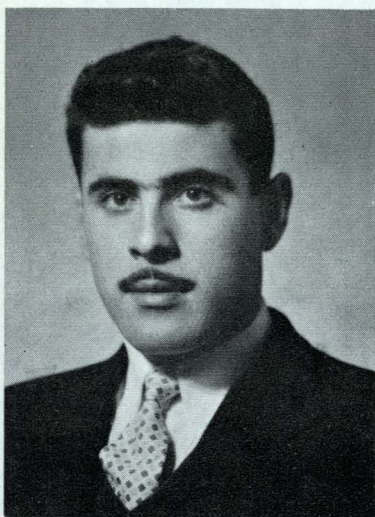
*Damascus, Syria, U.A.R.*  
Member, Summer Corporation;  
Chairman Art Comm.;  
General Knowledge Comm.;  
Yearbook Comm.

Gabriel Bashshur

*Beirut, Lebanon*

Krikor Baytarian

*Beirut, Lebanon*  
Trip Comm.;  
Show Comm.;  
Associate Secretary, E.S.S.



KRIKOR TAVIT AGHAYAN

## IN MEMORIAM

You need not be a classmate of Krikor Tavit Aghayan to know what a fine boy he was and how much we all miss him. His sudden death on the fateful day of October 10, 1958 was a real shock to the A.U.B. community and especially to all of us who knew him well and were expecting to see him in the registration line that same day. Krikor fell victim to the latest Lebanese political troubles and was the only A.U. Bite to be killed during the crisis.

We do not know what Krikor's ideas and affiliations were, but one thing which we are sure of is his good reputation in the Engineering School where he was known as a fine student and a hard worker. Above all, Krikor was dedicated to the task of acquiring an education to achieve his goals in life. He always felt the heavy responsibility placed upon him and he went on with a self-sacrificing zeal through the first three years of civil engineering, always working hard and conscientiously.

In memory of Krikor, the Engineering Students and Faculty through the Engineering Students Corporation raised a loan fund which was added to the Emergency Loan fund of the E.S.S. to be given to needy students in his name : a small but worthy tribute to his memory. The enthusiasm shown by everyone in collecting the sum of LL. 1500 can only reflect upon his character, and his standing among his fellow students.

*Some character traits of Krikor from an article by Khatchig Tateossian, which appeared in the December 22, 1958 issue of Outlook. ( By courtesy of the author ).*

“ Krikor Aghayan passed away . . . and with him passed his gentle look, his solemn dreams and civilized life, which were the kindly powers in his possession. » « Krikor wanted to be beyond the limit of space, time, logic, creed or history. He wanted to be rather than have.”

“ He had no frustrations and bitterness or hatred.”

“ His cherished objectives — seeking knowledge, love and goodness.”

“ The day he died he said ‘Let us look ahead and do something about our future ; let me stop talking and work’.”



*"... beyond the limit of space."*



*"He had no frustrations and bitterness or hatred."*

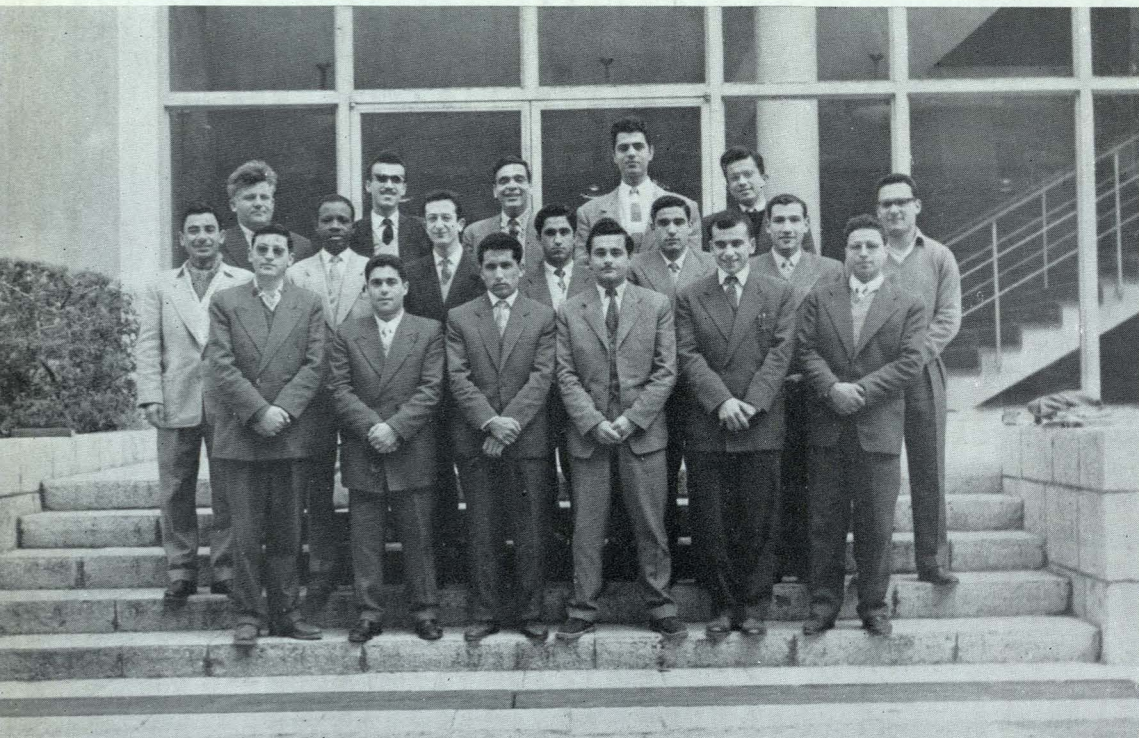


*"... his gentle look, his solemn dreams."*



*"He wanted to be rather than have."*

# CLASS OF 1961



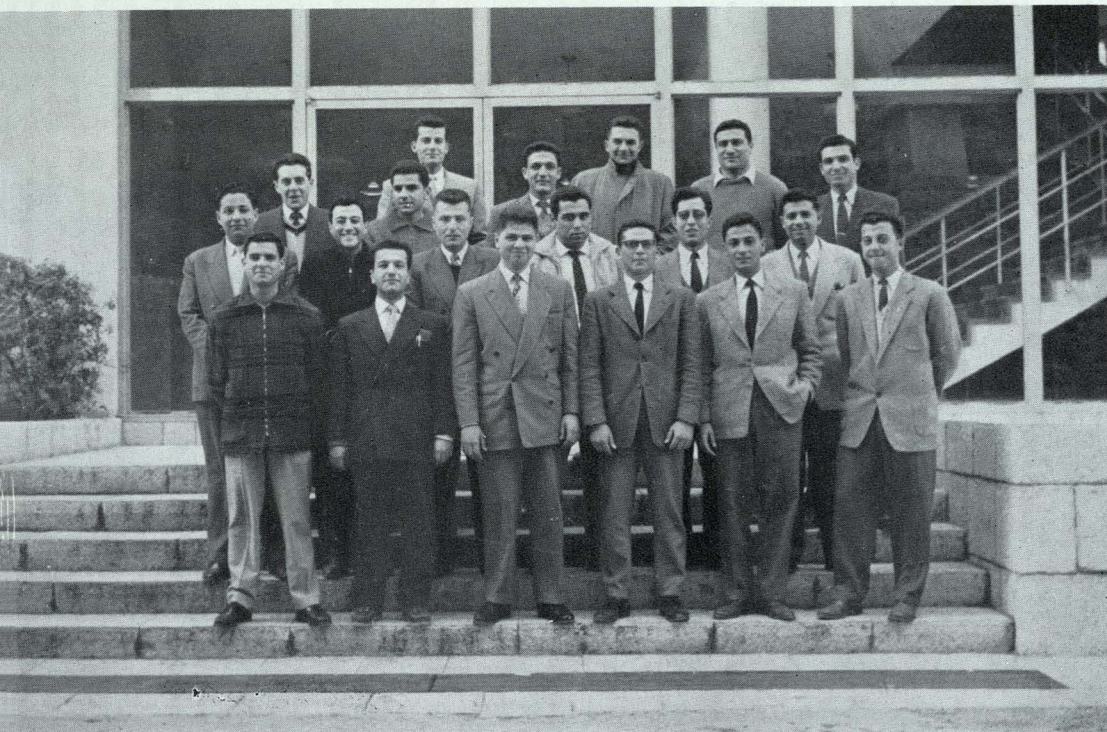
**SECTION I**  
**FIRST ROW FROM LEFT**  
 Salhah, Raymond  
*Tyre, Lebanon*  
 Sarkis, Samir  
*Avisdik, El Koura, Lebanon*  
 Noori, Haidar Ali  
*Kabul, Afganistan*  
 Volleyball  
 Jurdi, Fawzi  
*Shwayfat, Lebanon*  
 Abu-Samrah, Aziz  
*Broummana, Lebanon*  
 Barhumi, Muhammad  
*Beirut, Lebanon*  
 Show Committee

**SECOND ROW FROM LEFT**  
 Husayn Agha, Faruk  
*Tripoli, Lebanon*  
 Abdul-Salam, Awad  
*Khartum, Sudan*  
 Hamrah, Faiz  
*Merjayoun, Lebanon*  
 Hassun, Fuad  
*Haifa, Palestine*  
 Football Varsity and Engineering  
 Major League; S.A.F. member  
 Tuma, Fuad  
*Dhour el Shweir, Lebanon*  
 Takiyuddin, Nabih  
*Damascus, U.A.R.*  
 Haddad, Kamal  
*Brummana, Lebanon*  
 Track & Field  
**THIRD ROW FROM LEFT**  
 Markarian, Markar  
*Beirut, Lebanon*  
 Lutfallah, John  
*Roumieh el Matn, Lebanon*  
 Khazen, Victor  
*Nablus, Jordan*  
 Dombourian, Edward  
*Nicosia, Cyprus*  
 Track & Field  
 Attar, Muh. Majid  
*Damascus, Syria, U.A.R.*



**SECTION II**  
 Dedeyan, Apraham  
*Beirut, Lebanon*  
 Hawwa, Hanna  
*Haifa, Palestine*  
 Mimari, Bassam  
*Sidon, Lebanon*  
 Imad, Fawzi  
*Dhour Shweir, Lebanon*  
 Bannayan, Elie  
*Jerusalem, Palestine*  
 Yearbook Committee  
 Asmar, Tony  
*Arjiss, Lebanon*  
 Abdus-Samad, Sana  
*Beirut, Lebanon*  
**SECOND ROW FROM LEFT**  
 Makarim, Samah  
*Ras-el-Metin, Lebanon*  
 Ghantus, Adnan  
*Haifa Palestine*  
 Softball Major League;  
 General Knowledge  
 Committee  
 Yakan, Ahmad Adil  
*Aleppo, U.A.R.*  
 Football  
 Musa, Nadim  
*Jaffa, Palestine*  
 Show Committee  
 Bashshur, Faiz  
*Safita U.A.R.*  
 Kurayyim, Ali  
*Amman, Jordan — CWL; SAF*  
**THIRD ROW FROM LEFT**  
 Tourian, Varoujan  
*Jerusalem, Palestine*  
 Football  
 Hajj, Bahjat  
*Mansourieh, Metin, Lebanon*  
 Siman, Hikmat  
*Homs, U.A.R.*  
 Zakkak, Masad  
*Jaffa, Palestine — Football*  
 Tcheurekdjian, Yervant  
*Beirut, Lebanon — Football*  
 Muwakki, Ayman  
*Damascus, U.A.R.*





### SECTION III

#### FIRST ROW FROM LEFT

- Birbari, Ghassan**  
*Senegal, Africa*
- Diratzouyan, Haroutune**  
*Alexandrette, Turkey*
- Tuma, David**  
*Beirut, Lebanon*
- Sadikian Garabed**  
*Beirut, Lebanon*  
Basketball Major League
- Theokaris, Anwar**  
*Tripoli, Lebanon*
- Yejes Dajer, Antonio**  
*San Francisco de Macoris, Dominican Republic*  
Softball Major League;  
Athletic Committee

#### SECOND ROW FROM LEFT

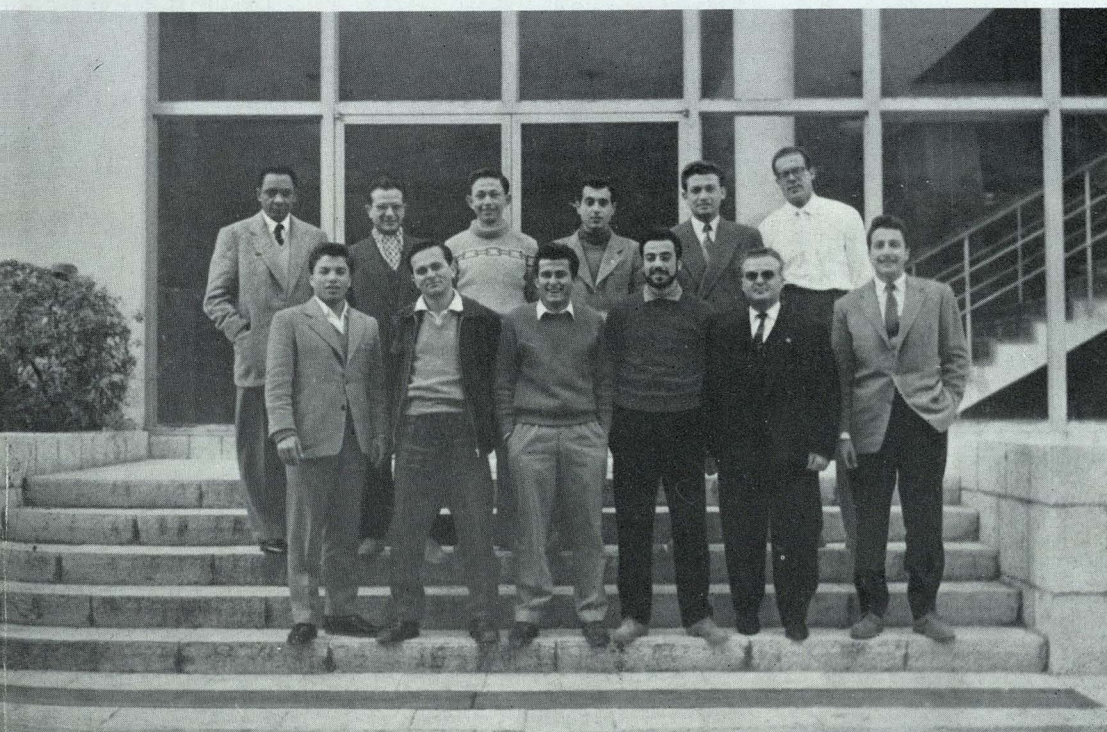
- Halabi, Elie**  
*Jerusalem, Palestine*
- Gharghur, Nadim**  
*Cairo, U.A.R.*
- Hilu, Anis**  
*El-Hadath, Lebanon*
- Malkhassian, Boghos**  
*Beirut, Lebanon*
- Khalaf, Daud**  
*Jerusalem, Palestine*  
Literary Subcommittee;  
General Knowledge Team
- Mubarak, Sami**  
*Amman, Jordan*

#### THIRD ROW FROM LEFT

- Abidin, Ramzi**  
*Damascus, U.A.R.*
- Nawfal, Joseph**  
*Sidon, Lebanon*
- Zakkak, Masad**  
*Jaffa, Palestine*  
Football Major League

#### FOURTH ROW FROM LEFT

- Hasan, Kamil**  
*Atrene Al-Shouf, Lebanon*
- Barazi, Mustafa**  
*Hama, U.A.R.*  
Archery Manager;  
Volleyball, Basketball Major  
League & Varsity Softball
- Sanbar, Ramzi**  
*Haifa, Palestine*  
ESS Cabinet; Ball Committee;  
ESS Band



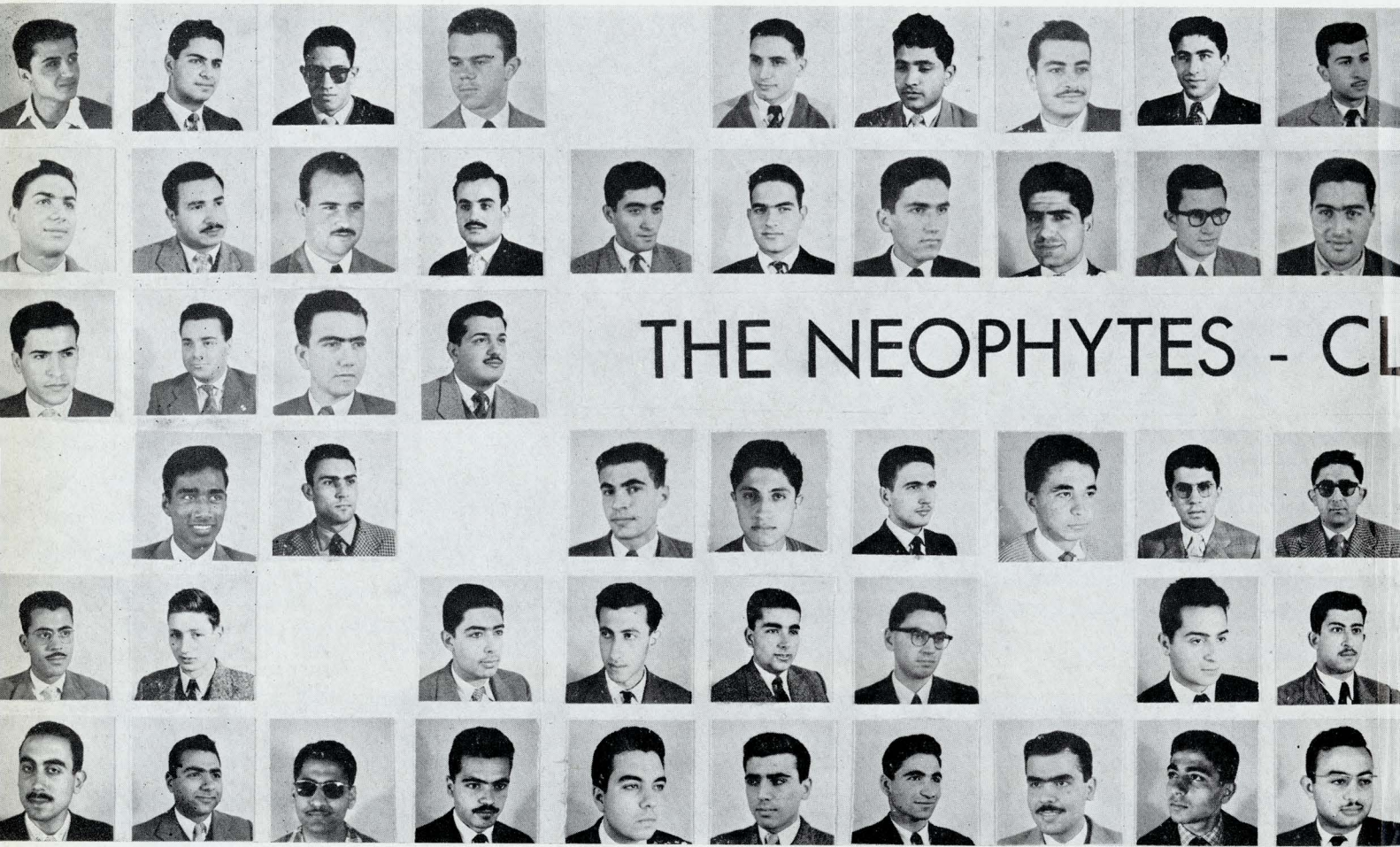
### ARCHITECTS

#### FIRST ROW FROM LEFT

- Guekguezian, Vahe**  
*Beirut, Lebanon*  
Art Subcommittee;  
Yearbook Committee
- Zeine, Ramsey**  
*Beirut, Lebanon*  
Baseball Major League;  
Yearbook Committee;  
Art Subcommittee
- Taymani, Ismat**  
*Accra, Ghana*  
Volleyball Major League;  
Ball Committee
- Tayyar, Carol**  
*Bsous, Lebanon*  
Fencing Manager
- Salhah, Francois**  
*Tyre, Lebanon*
- Malhas, Nail**  
*Amman, Jordan*  
Football Major League;  
Ball Committee

#### SECOND ROW FROM LEFT

- Ahmad, Kamal**  
*Khartoum, Sudan*  
Yearbook Committee
- Sotiropoulos, Emmanuel**  
*Damascus, Syria*  
Yearbook Committee
- Hakki Hashim, Hani**  
*Amman, Jordan*  
Yearbook Committee
- Ohanic, Manoukian**  
*Tripoli, Lebanon*  
Volleyball Major League
- Bitar, Antoine**  
*Aleppo, Syria, U.A.R.*
- Kanj, Ihsan**  
*Nazareth, Palestine*  
Volleyball, Basketball Varsity  
and Major League;  
Tug of War Major League



# THE NEOPHYTES - CL

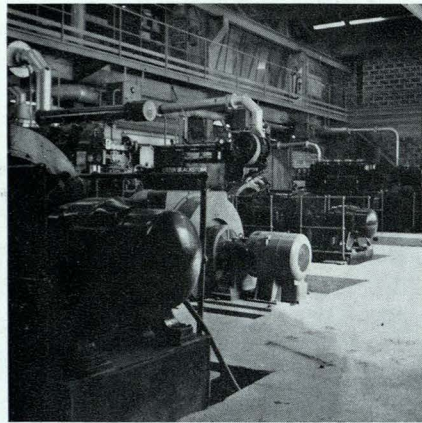
- |   |   |  |  |  |  |   |  |  |   |
|---|---|--|--|--|--|---|--|--|---|
| ABDUL-BAKI,<br>DURAYD<br><i>Ain Baal Shouf,<br/>Lebanon</i> | AHMAD, ALI-<br>GHASSAN<br><i>Tripoli, Lebanon</i><br>Volleyball<br>Major League | AWAD, MARIO<br><i>Aguascalientes,<br/>Mexico</i><br>Ball Comm.   | CRITICOS,<br>GERASIMOS<br><i>Athens, Greece</i>      | FRAYWAT,<br>SHUKRI<br><i>Acre, Palestine</i><br>Softball Major<br>League | HADDAD,<br>EMILE<br><i>Acre, Palestine</i><br>General<br>Knowledge<br>Team | HUSSAIN,<br>NAZAR<br><i>Kohat,<br/>West-Pakistan</i>            | JALBUT,<br>SUHAIL<br><i>Kiam<br/>Marjeoun,<br/>Lebanon</i>           | GRESS,<br>MAURICE<br><i>Jerusalem,<br/>Palestine</i> | KANDIL,<br>IBRAHIM<br><i>Beirut, Lebanon</i>                                  |
| ABDUN-NUR,<br>JAMAL<br><i>Merjeoun,<br/>Lebanon</i>         | ALAGHA, ELIE<br><i>Bttram,<br/>Lebanon</i>                                      | AWAD-AL-<br>KARRAM,<br>NABIL<br><i>Amman, Jordan</i><br>Football | DAHAR, EMILE<br><i>Kaftoun,<br/>Lebanon</i>          | GARBOUSHIAN<br>GARIBIS<br><i>Kessab, Syria,<br/>U.A.R.</i>               | HAMIYYAH,<br>ADIL<br><i>Beirut, Lebanon</i>                                | ISA, ROBERT<br><i>Bsouss, Lebanon</i>                           | JAWARU,<br>GEORGE<br><i>Zahle, Lebanon</i>                           | KABAKIAN,<br>VAHE<br><i>Beirut, Lebanon</i>          | KARAMAN,<br>SABA<br><i>Haifa,<br/>Palestine</i><br>Basketball<br>Major League |
| A. SULAYMAN,<br>JOSEPH<br><i>Mtein, Lebanon</i>             | ALAM-UD-DIN,<br>MUH.<br>MUWAFAK<br><i>Beirut, Lebanon</i>                       | AZAR, JIBRAIL<br><i>Jaffa, Palestine</i>                         | DARWAZEH,<br>HAKAM<br><i>Nablus, Jordan</i>          | KHALDUN<br>KHALDUN<br><i>Baalbeck,<br/>Lebanon</i>                       | HAWA, ILYAS<br><i>Acre, Palestine</i>                                      | ISPIRIDUN,<br>ALEXANDER<br><i>Antiock, Syria,<br/>U.A.R.</i>    | JAWHARI, ALI<br><i>Deir-El-Zor,<br/>Syria, U.A.R.</i>                | KABBANI<br>MUHAMMAD<br><i>Beirut, Lebanon</i>        | KARAMI,<br>SAFUH<br><i>Tripoli,<br/>Lebanon</i><br>Major League               |
| ABU-AYYASH,<br>SAMIR<br><i>Baakline,<br/>Lebanon</i>        | ALI,<br>MUHAMMAD<br><i>Kustia, East<br/>Pakistan</i>                            | AZIMI,<br>ESKANDAR<br><i>Tehran, Iran</i><br>Major League        | FADLI,<br>MARWAN<br><i>Jerusalem,<br/>Palestine</i>  | HAYDAR,<br>MICHEL<br><i>Beirut, Lebanon</i>                              | HAYDAR,<br>MICHEL<br><i>Beirut, Lebanon</i>                                | JABIR, AMAL<br><i>Beirut, Lebanon</i><br>Major League           | JEBEJIAN,<br>KEVORK<br><i>Aleppo, Syria,<br/>U.A.R.</i>              | KAMAR, JACK<br><i>Jounieh,<br/>Lebanon</i>           | KANAFANI,<br>NABIL<br><i>Haifa,<br/>Palestine</i>                             |
| ABU-SAHYUN,<br>FARHAN<br><i>Acre, Palestine</i><br>C.W.L.   | ANAVY,<br>RALPH<br><i>Beirut, Lebanon</i>                                       | BADAWI,<br>MANU<br><i>Hassake,<br/>Syria, U.A.R.</i>             | FARAH,<br>MAURICE<br><i>Jerusalem,<br/>Palestine</i> | GHANNUM,<br>MICHEL<br><i>Beirut, Lebanon</i>                             | HITTI, MICHEL<br><i>Beirut, Lebanon</i>                                    | JAHSHAN,<br>BISHARAH<br><i>Beirut, Lebanon</i><br>Track & Field | JURAYDINI,<br>MAURICE<br><i>Majdaluna-<br/>El-Shouf,<br/>Lebanon</i> | KASIM, RASHID<br><i>Kabri,<br/>Palestine</i>         | KAWAR,<br>SAMIR<br><i>Amman, Jordan</i>                                       |
| ABU-SAMRA,<br>TARIK<br><i>Merjeoun,<br/>Lebanon</i>         | ADKALAN,<br>MAHMUD<br><i>Nablus, Jordan</i>                                     | BEHROOZ<br><i>Tehran, Iran</i>                                   | FARSHI,<br>BEHROOZ<br><i>Tehran, Iran</i>            | GHUSN,<br>MICHEL<br><i>Chyah, Lebanon</i>                                |  |   |  |  |   |



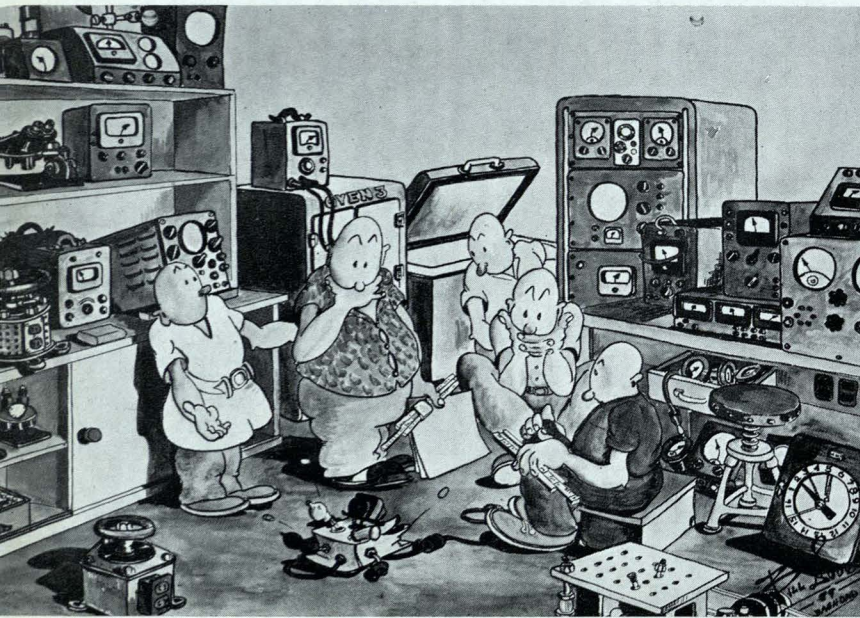
# CLASS OF 1962

- |   |   |   |   |   |  |   |   |  |   |
|---|---|---|---|---|--|---|---|--|---|
| KESHISHIAN, VARTAN<br><i>Sidon, Lebanon</i> | LABABIDI, FARUK -<br><i>Hama, U.A.R.</i>            | MASABKI, ANDRE<br><i>Damascus, Syria, U.A.R.</i>      | MIZRAHI, JOSEPH<br><i>Beirut, Lebanon</i> | MUSALLAM, IMAD<br><i>Beirut, Lebanon</i>              | RIKABI SUKKARI WALID<br><i>Damascus, Syria, U.A.R.</i> | SHABARIK, ABDUL-MAJID<br><i>Aleppo, Syria, U.A.R.</i> | SHIBL, HISHAM<br><i>Acre, Palestine</i>                     | TALI, USAMAH<br><i>Beirut, Lebanon</i>                 | VAROUTAS, PANAYIOTIS<br><i>Athens, Greece</i>           |
| KHAYYAT, BASIM<br><i>Nablus, Palestine</i>  | LOSHKAJIAN, GEORGE<br><i>Beirut, Lebanon</i>        | MASSAD, CLAUDE<br><i>Beirut, Lebanon</i>              | MOULANA, EASA<br><i>Isfahan, Iran</i>     | MUSALLI, SIMON-PIERRE<br><i>Aleppo, Syria, U.A.R.</i> | RISHANI, ANIS<br><i>Maracaibo, Venezuela</i>           | SHAHRI, JOSEPH SAMIR<br><i>Beirut, Lebanon</i>        | SHILBAYAH, ABDURRAHIM<br><i>Nablus, Palest. Football</i>    | TARZIBASHI, LAWRENCE<br><i>Kamechly, Syria, U.A.R.</i> | WAFI, MUH. ZUHAYR<br><i>Jaffa, Palestine</i>            |
| BASKETBALL<br>Major League                  | MAKHKHUL, IBRAHIM<br><i>Safta, Syria, U.A.R.</i>    | MASSAD, CLAUDE<br><i>Beirut, Lebanon</i>              | MUAMMAR, GHAZI<br><i>Beirut, Lebanon</i>  | NAJA, ABDUL-MAJID<br><i>Beirut, Lebanon</i>           | SAD, MATYA<br><i>Jerusalem, Palestine</i>              | SHALHUB, JOSEPH<br><i>Lattakia, U.A.R.</i>            | SHURAYM, GEORGE<br><i>Fakieh near Ras-Baalbeck, Lebanon</i> | TENEKJIAN, HAGOPIAN<br><i>Aleppo, Syria, U.A.R.</i>    | YAMUT, ZIYAD<br><i>Beirut, Lebanon</i>                  |
| EDMOND, KHURI<br><i>Haifa, Palestine</i>    | MAKRIDIS, CONSTAN.<br><i>Athens, Greece</i>         | MATTA, ALBERT<br><i>Bhamboun, Lebanon</i>             | MURAD, ANWAR<br><i>Beirut, Lebanon</i>    | NIZAMUDIN, ARIF<br><i>Kamechly, Syria, U.A.R.</i>     | SAYKALI, ROGER<br><i>Beirut, Lebanon</i>               | SHAMAYILAH, BAHJAT<br><i>Karak, Jordan</i>            | SIDDIQI, MUTIUL<br><i>Karachi, Pakist. Archery</i>          | TUMAH, GEORGE<br><i>Safad, Palestine</i>               | YEHUWALA-ESHET, SILASHE<br><i>Addis Ababa, Ethiopia</i> |
| GEORGE, KHURI<br><i>Tripoli, Lebanon</i>    | MANDJIKIAN, ZAVEN<br><i>Damascus, Syria, U.A.R.</i> | MAZLUMOL-HOSSEINI, ALI ASGHAR<br><i>Shirasz, Iran</i> | MURAD, ZIAD<br><i>Amman, Jordan</i>       | PALASSOPOULOS, JOHN<br><i>Athens, Greece</i>          | SAYYID, FUAD<br><i>Haifa, Palestine</i>                | SHAMMAS, IBRAHIM<br><i>Tyre, Lebanon</i>              | SINNU, HISHAM<br><i>Beirut, Lebanon</i>                     | TURRUN, HAZIM<br><i>Hama, U.A.R.</i>                   | ZAKHIM, ABDALLAH<br><i>Deddeh-El-Kura, Lebanon</i>      |
| FOOTBALL<br>Major League                    | MURAD, ZIAD<br><i>Amman, Jordan</i>                 | MELUMONIAN, HOVHANNES<br><i>Beirut, Lebanon</i>       |   | POORMAND, IRAJ<br><i>Tehran, Iran</i>                 |  | SHAMMAS, NAZIH<br><i>Homs, Syria U.A.R.</i>           | SOSSOYAN, KEVORK<br><i>Cairo, U.A.R.</i>                    | UMARI, SULAYMAN<br><i>Hartha, Irbid, Jordan</i>        | ZAYN, NAZIH<br><i>Sidon, Lebanon</i>                    |

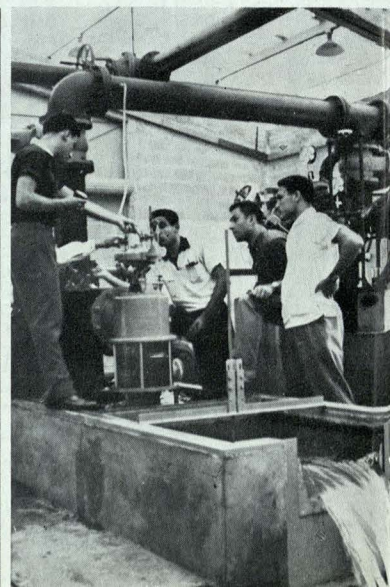
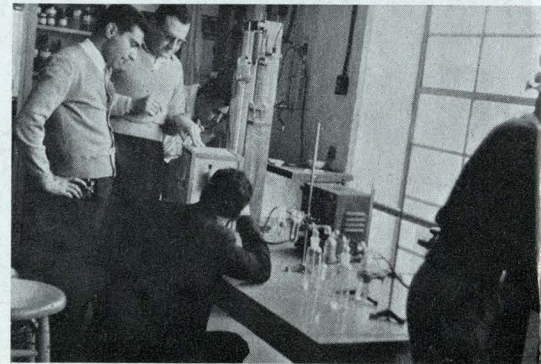
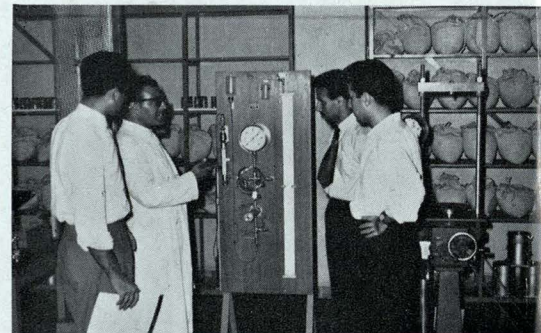
# LABS AND SHOPS



RAMEZ SAAB. Chief Operating Engineer, Power Plant. B.S. in Electrical Engineering 1942, Oklahoma University A. & M.; 1942-1946 U.S. Army. Member AIEE, Engineering Society, HKN Electrical Engineers Honorary Fraternity, Mathematics Honorary Fraternity.

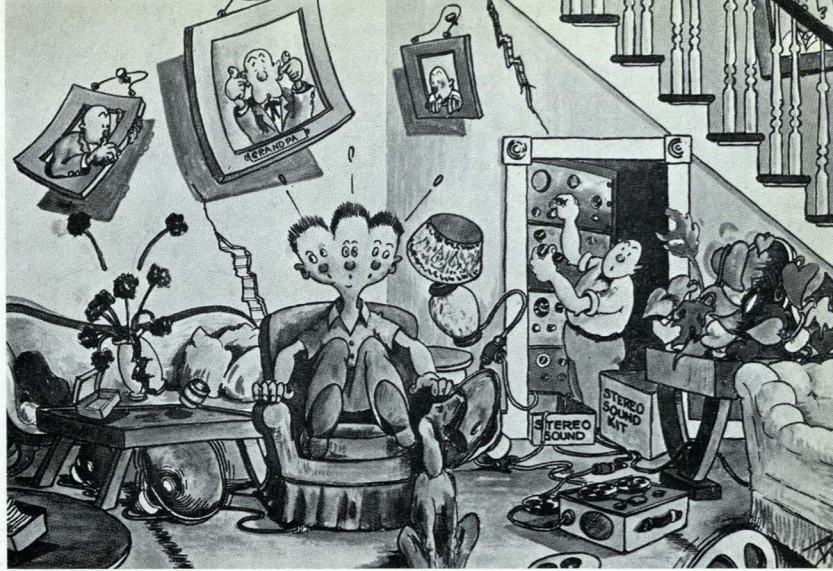


*"Now that it's passed Shock, Vibration, Head and Humidity tests, let's get it working!"*

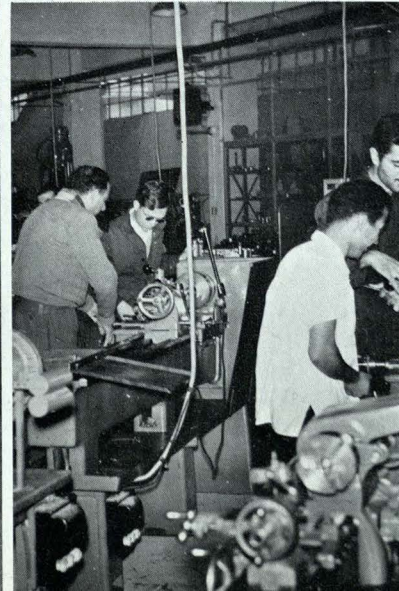
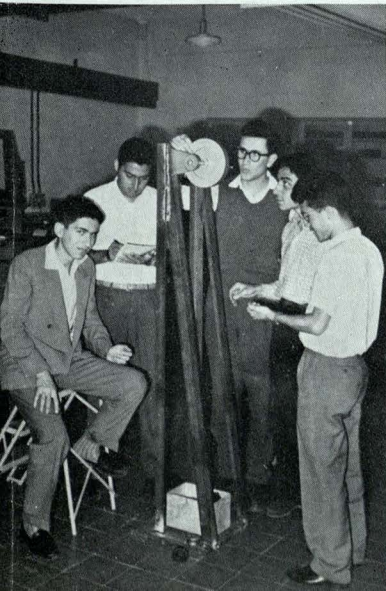
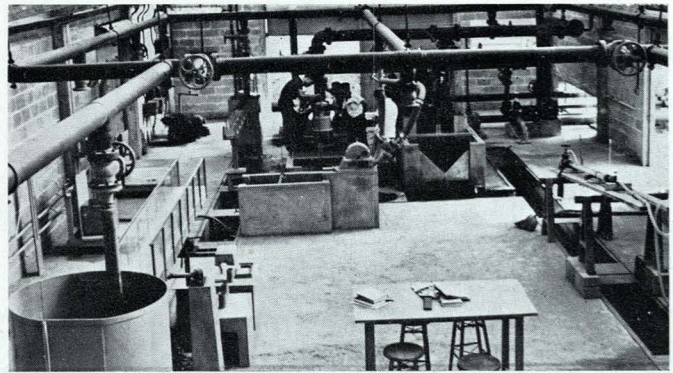




Prof. Rubinsky, Prof. Guyon, Prestressed Concrete and the Engineering Labs.



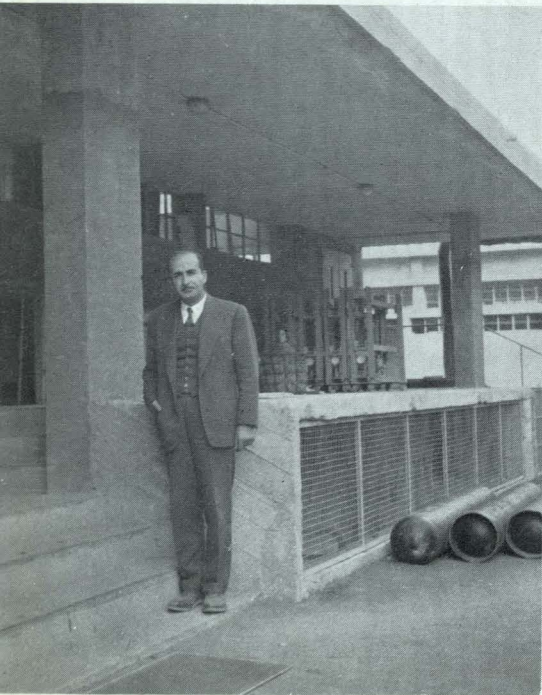
"How about its Charlie - Getting a feeling of dimensions?"



During the past few years the number of laboratories has been increasing and most of them have reached a stage of maximum usefulness; nevertheless much work is needed to complete the rest in order to contribute their possible maximum in teaching the students. In particular, the Soil Mechanics, the Hydraulics, and the Sanitary Engineering laboratories as well as the Power Plant have taken huge strides towards completion and, we are pleased to note, have started paying back.

The shops are included in the curriculum with the idea of producing better engineers. The several shops help the student to understand the manual skill which he, in the future, will expect from his technical staff.

## LABS AND SHOPS MASTERS



**ADEEB MUSA**

Foreman of Industrial Shops and Operations. Diplomas in Electrical Specialization from Ecole des Arts et Métiers, Beirut, and E.M.I. Institute, England.

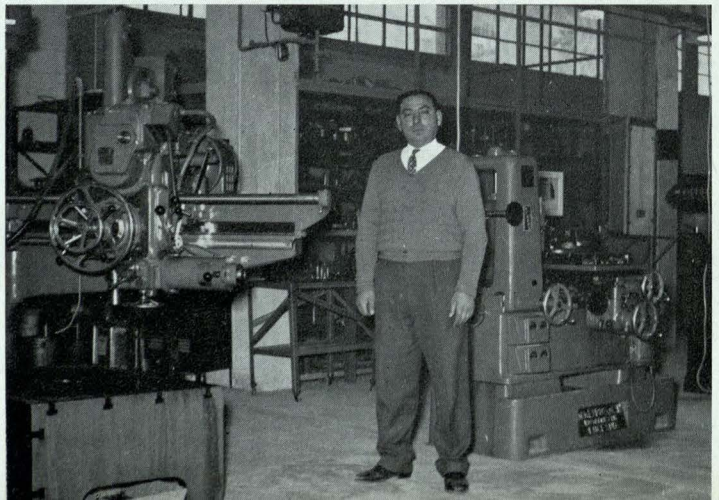
**ARMEN HAGOPIAN**

Master, Field Station. B.A. in Eng'g. 1933, AUB; B.S.C.E., 1948. Member, Lebanese Order of Architects and Engineers.

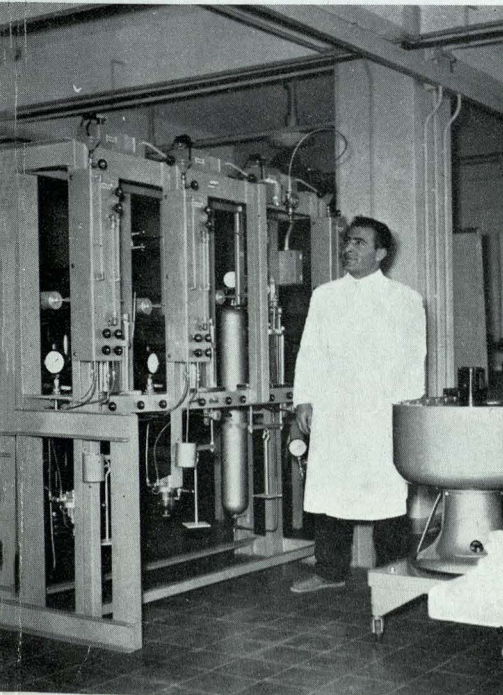


**HALIM KHAMMAR**

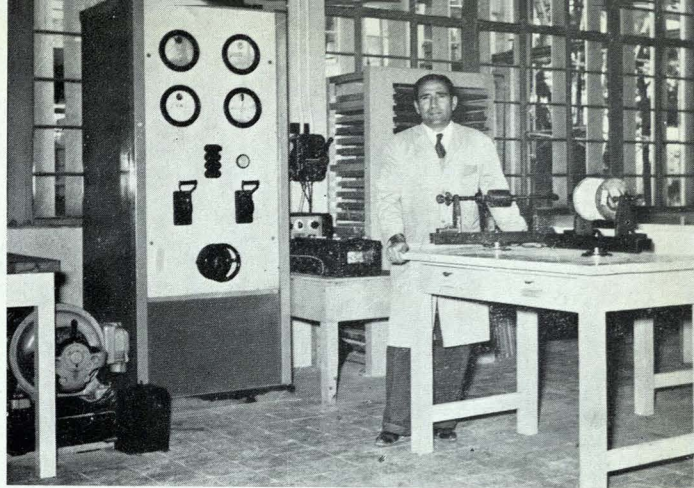
Master, Metal Shops



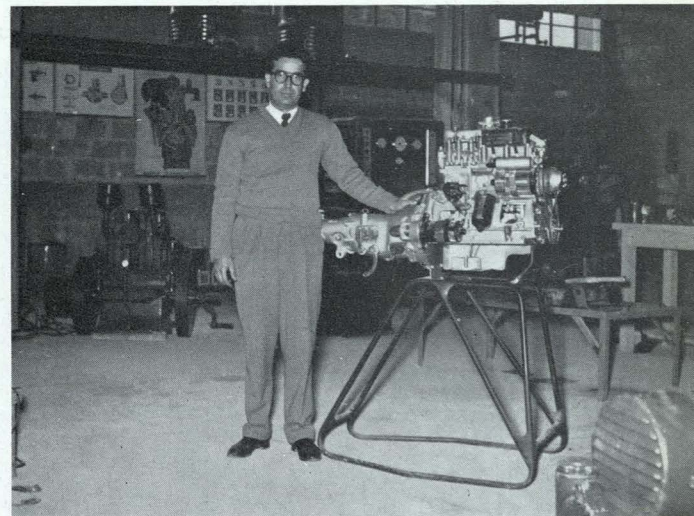
**MOUSA HAWA**  
Master, Woodworking Shop.



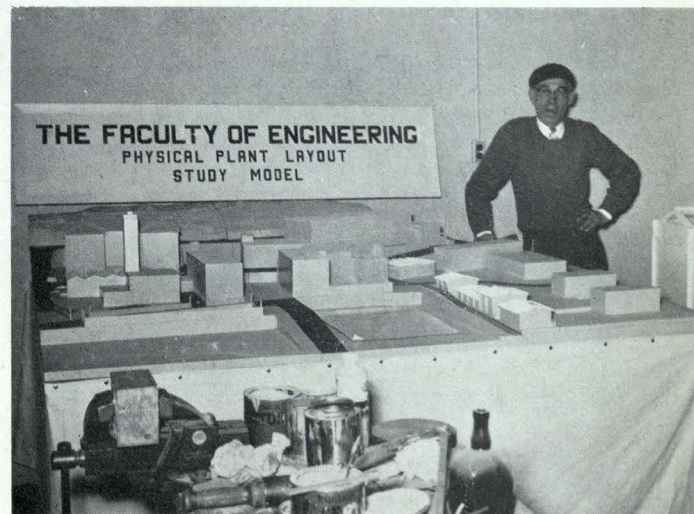
**HAROUTUNE MINASSIAN**  
Master, Service Laboratory Operation. Specialization in Geology, 1955, France, and Soil Mechanics, 1957, England.



**DICRAN ABADJIAN**  
Master, Electrical Shops and Instrument Room. Electrical Specialization from Ecole Des Arts & Métier, Beirut, 1939.



**HENRY NAZARIAN**  
Master, Engine Shop. Associate Member, Society of Automotive Engineers.



**IBRAHIM IBRAHIM**  
Master, Model Shop.

# AMERICAN UNIVERSITY OF BEIRUT

BE IT KNOWN THAT

HAVING IMPRESSED THE FACULTY OF THE  
SCHOOL OF ENGINEERING  
WITH HIS PROFESSIONAL POTENTIALITIES INCLUDING  
SCHOLARSHIP AND CHARACTER

IS HEREBY GRANTED

**ENGINEERING HONORS**

AND IS AWARDED THIS CERTIFICATE  
AND EMBLEM IN EVIDENCE THEREOF

GIVEN AT BEIRUT, LEBANON

THIS DAY

OF 19

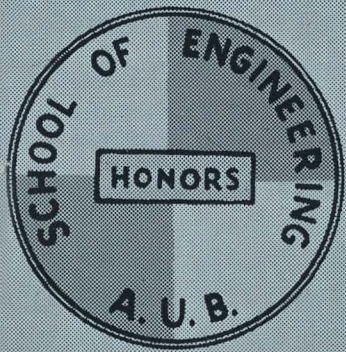
*Chairman of Honors Committee*

*Dean of School of Engineering*



RUT

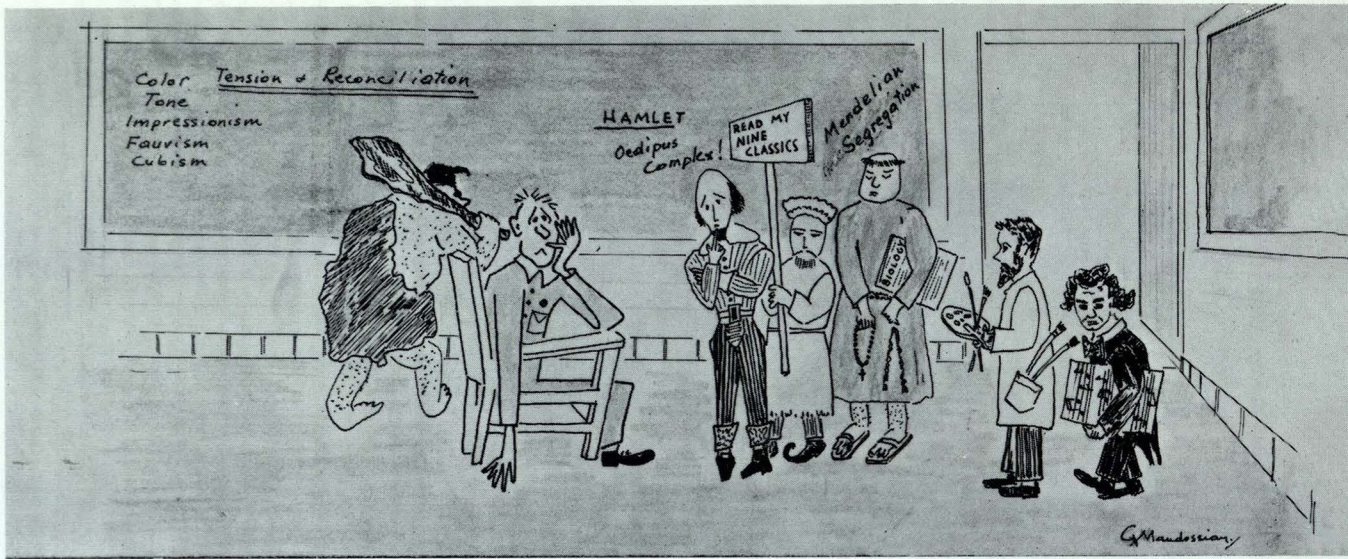
ONG



**ENGINEERING HONORS** is granted to graduating students "in recognition of outstanding achievement and as an encouragement to sustained effort towards high scholarship and character development. In this instance, scholarship is defined as academic accomplishment and character as the embodiment of those moral qualities which are true attributes of the Professional Engineer."

The recipients of the Engineering Honors are awarded a certificate and an emblem for personal wear. Grantees of the Engineering Honors :

Mohammad Hassan Saadi,	Class of '52
Farid Kandalaft,	Class of '53
Muhammad Fayyad,	Class of '54
Joseph Iskandar,	Class of '54
Hratch Papazian,	Class of '55
Nadim Bulus,	Class of '56
Munir Bulus,	Class of '56
Fuad Nuwaysir,	Class of '56
Mubadda Suwaydan,	Class of '57
Bedros Adjemian,	Class of '57
Basil Hakki,	Class of '57
Carol Khuri,	Class of '58
Sami Abboud-Klink,	Class of '58
Fawzi Kawash,	Class of '58
Matheos Mahshikian,	Class of '58
<b>Ibrahim Abu-Ayyash</b>	<b>Class of '59</b>
<b>Munir Hawwa</b>	<b>Class of '59</b>
<b>Michel Jidawn</b>	<b>Class of '59</b>
<b>Awni Masri</b>	<b>Class of '59</b>
<b>Polyvios Vintiades</b>	<b>Class of '59</b>

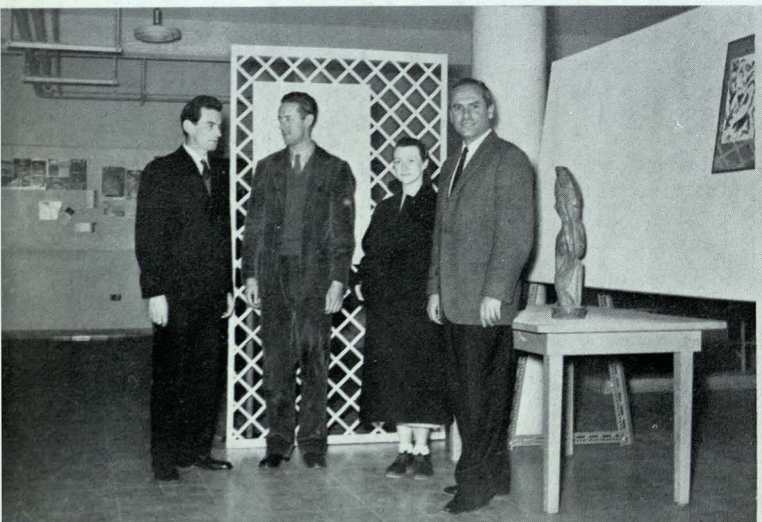


**CULTURAL SEQUENCE.** Technical or professional knowledge without an ample liberal education to guide it, is inadequate to carry into effect intelligently the motto — Service to Humanity. Moreover the lack of a liberal education will hinder the making of intelligent choices and decisions during critical moments.

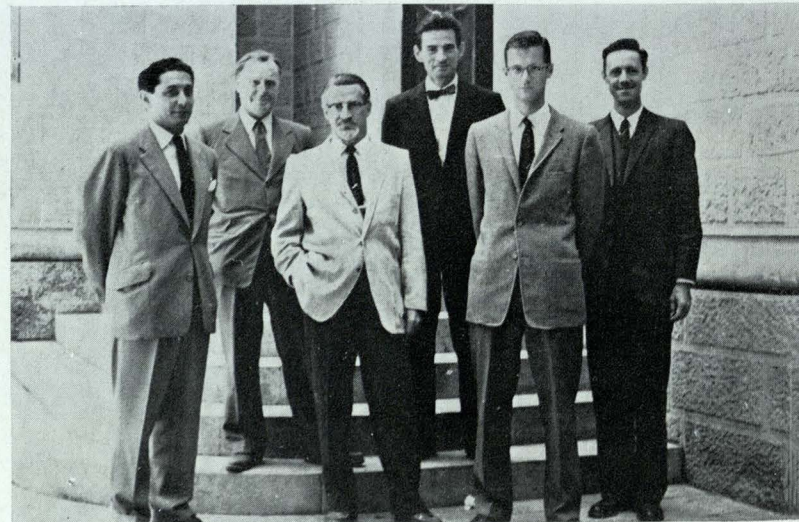
This or something to this effect will be the argument of Dean Weidner or the faculty when students start grumbling about the inevitable and inescapable two credit-hour course, every term from First year to Fifth year, of what is termed very grandly "Cultural Development Sequence."

This noble concern on the part of the faculty to make of us human beings rather than designing machines is left to be accomplished, in a large part, by the several departments of the School of Arts and Sciences.

The program is quite varied: Political and Social Institutions, Painting and Sculpture, Music, Biology, Psychology, Philosophy, Literature et al. It has been rightly argued by the students that besides the Engineering degree we should be granted a Bachelor of Arts Degree too.



FROM LEFT  
 Prof. RICHARD LE MAY ( Gen. Education )  
 Prof. JAMES PEET ( Gen. Education )  
 Mrs. NANCY KEEHN ( Art )  
 Mr. HAROLD MESSINGILL ( U.S.I.S. )



FROM LEFT  
 Prof. MAJID FAKHRY ( Philosophy, Chairman )  
 Cultural Sequence  
 Prof. ARTHUR SEWELL ( Gen. Education )  
 Prof. JESSE MAUZEY ( Philosophy )  
 Prof. RICHARD LE MAY ( Gen. Education )  
 Prof. MALCOLM KERR ( Political Studies )  
 Prof. MELVIN PEET ( Gen. Education )

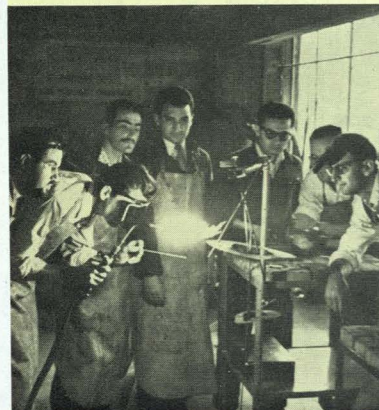
IN ABSENTIA  
 Prof. MILDRED ADAMS ( Gen. Education )  
 Prof. FAY FRICK ( Art )  
 Mrs. J. PEET ( Art )  
 Mr. MUH. ATALLAH ( Economics )  
 Mr. RASHID FAKHRY ( History )  
 Mr. AS'AD RAZZOUK ( Secretary, Cultural Sequence )

# “reinforcement” from the upper campus

**MATHEMATICS.** From the Mathematics Department come Profs. Jamil Ali and Peter Yff. Starting from the first term of the first year, students undergo a series of six terms of pure and applied advanced mathematics.



**ART.** Prof. Arthur Frick and Mr. John Carswell of the Art Department train the Architectural students in the basic concepts of three dimensional design (Sculpture in other words) and instruct them in freehand drawing and painting.



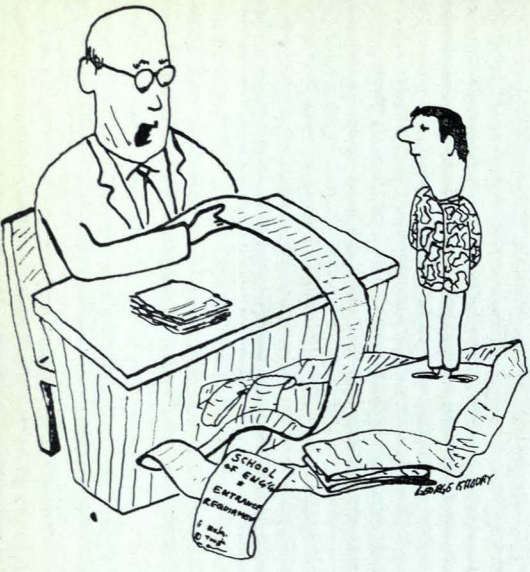
ABCDEFGHIJ  
KLMNOPQRS  
TUVWXY&Z  
1234567890



Profs. PETER YFF and JAMIL ALI.



Prof. ARTHUR FRICK and Mr. JOHN CARSWELL.



Entrance Requirement, Article 17,  
Section C, Para. 18a.  
"Be willing to dance the Can-Can"

# THE SUMMER OF 1958

During the summer of 1958, as during many past summers, the Engineering students were busy learning. Summer is not a period of relief from studies for us, as it is for most other student groups. On the contrary we undergo besides lessons the summer heat and many other inconveniences.

During the summer of 1958 the class of '62 was pouring over catalogues and entrance requirements and was trying to take its biggest and most important decision: To be or not to be an engineer.

The class of '61 was enjoying (?) a summer camp at Chueifat getting acquainted with the transit and the level, triangulation and open traverse.

The class '60 was undergoing a regular term with 13 credit hours and a full list of extra curricular activities.

The class of '59 was on the move to the different parts of the world for an eleven-week summer training period.



CLASS OF '62



Student Notice No. 34-57 issued 5 March 1957. Regulation No. 11. "Only the student teacher may ride with the student during the course of practice."

## CLASS OF '60

When June comes around each year, most students are busy planning their trips back home. These are the lucky ones, for some other less fortunate souls will have to stay on campus and sweat through a summer term. Such is the fate of each third year Engineering student. Besides the heat, the lessons and the general lack of interest on campus, there was throughout those three unforgettable months of the Summer of 1958 a political crisis which made everything unbearably boring. Cinemas and most other places of entertainment were closed. To top them all there was the curfew at 8.00 p.m. The daily trip from home to school and back again was not always safe and it was not uncommon to see six or seven students sleeping in the Engineering building.

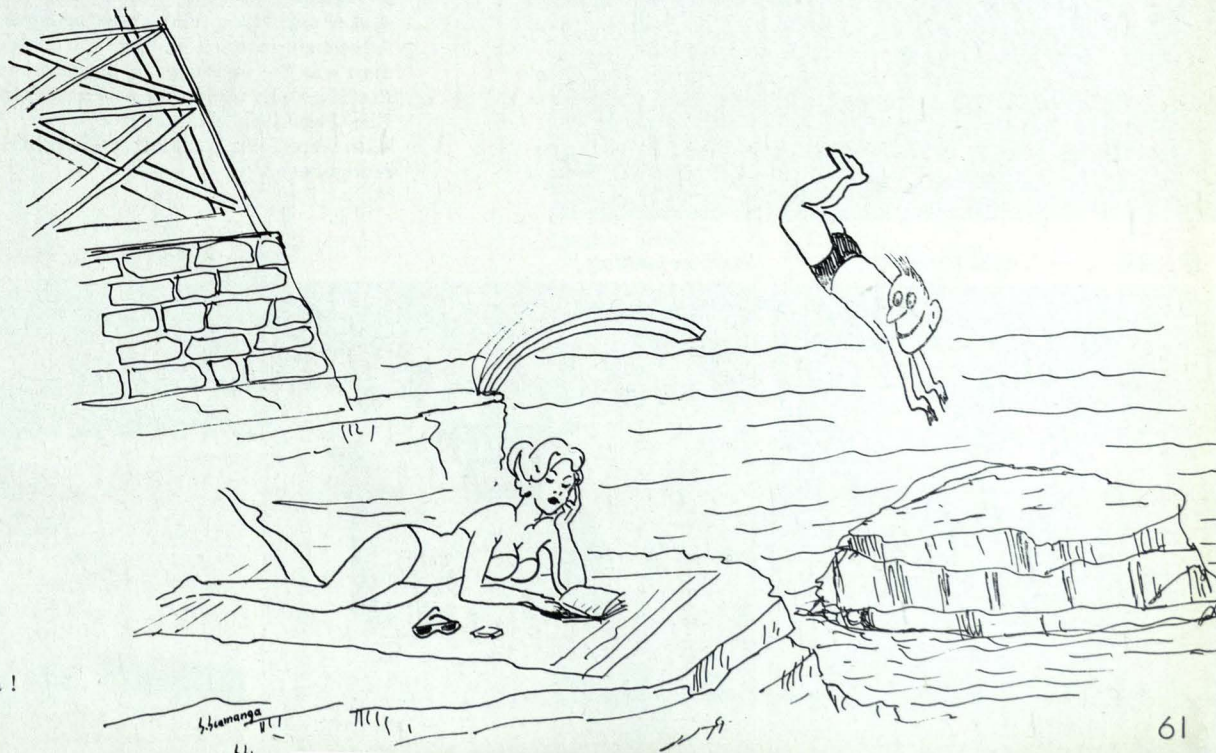
With all these inconveniences, however, there were some bright spots in the generally dark days of the summer. After a few days of school, the Engineering Students Corporation was organized to help coordinate the non-academic activities of the students and to help the administration run the school. The Jeep was placed at our disposal from the beginning and surprisingly enough it held up beautifully to the rough handling of so many beginners. It was lots of fun for those learning to drive and the few minor accidents that occurred did not in any way reflect on the "expert" driving of the teachers. One interesting fact, however, was the caution with which everyone drove past the Dean's Residence. Could it have been the strict observance of the regulations, or the fear of running over Mrs. Weidner's Poodle?

Judo was just as interesting. The two outdoor classes held per week were excellent exercise and when topped with a cool swim it made one feel that Summer school was not bad after all. What was more important was that the jiu-jitsu tactics learned were just in time to make everyone feel more secure in those troubled days.

The nicest treat we had, to be sure, was the weekly Saturday movie in the air-conditioned Lecture Hall. This was the only time when the ratio of females to males rose from one in one hundred to one in ten on the lower campus.



... made everyone feel more SECURE!



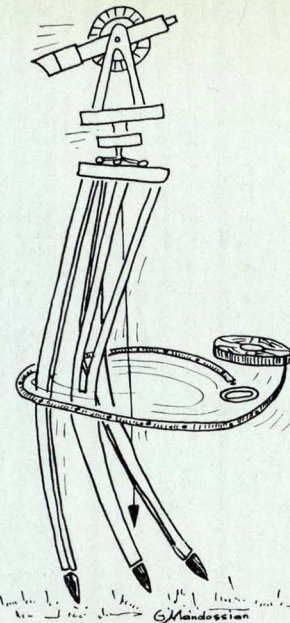
and there always was the sea!



Destination Chueifat.



Be happy in your work.



## SUMMER OF 1958 - CLASS OF '61

The summer camp of the class of '61 was a unique experience when compared with its predecessors. With the unfortunate troubles in Lebanon, June 25th marked the departure of the class on active service.

With canons to the right of them, they rode on to Chueifat; but during the first week they neither intended to work nor to die. It was a hard week for Mr. Kuran and his colleagues, who had nothing to offer except an emphatic assurance that there was absolutely no danger. Nevertheless white flags were hoisted assuring everybody that everything was O. K. ! Yet water reservoirs were blown up by the rebels faster than they could be repaired; and Mr. Kuran's appeals for economy of water knew no limit — any time was appropriate.

However, when the desperate efforts to bring the camp to an early end failed, they resolved to make the best of it and rough it out come what may.

The staff tents were within the municipality limits of the Ras Beirut district. However this did not stop Ramzy Sambar's tent from holding nightly general knowledge contests, nor divert Abu Sahyoun from rehearsing Abdel Halim Hafiz' songs for his grand field performances. Nor did it discourage Fadlu from practising his wrestling and putting it to (good !) use when the need arose. Rishdu's whist tactics were quite a help to his opponents and Shukri Hamzah's patience was highly commendable.

The Nahr District of the camp, being the most chaotic, in one of its sober moods, decided to set up a government to manage its affairs.

Headed by Sultan Fouad Hassoun the seat of the government was in the luxurious tent No. 9. Their recreation



Top secret: Name of Advisor

center was housed in Kahwat El Nashat under the efficient management of Ali Kurayyim. Nadeem Musa was the head of the Public Works Department. Master of ceremonies was a famous caller of "Good Mornings", an ardent hand shaker and fittest fellow was promoter of their News and Advertizing service. Well, if you could not make a guess, our man was the immaculate Jarir Dajani. Philosopher to the the State was the serene and serious minded Wajih Salman. Elie Bannayan was liaison officer. Alarm Clocks for the state were John Lutfallah and Anis Hilu, a pair ever to be remembered.

Reclining figure ! (Miss Chueifat)



Marines landing



Guard on cannon watching marines land





Food — the less said about it, the better.

The pipe smoker's union had a membership of ten. The top secret of the union was the name of its advisor, chosen without seeking his consent. It is high time that the secret is divulged. The advisor was Mr. Inglessis. No comment will be made about the food, knowing Mr. Kuran's reactions to the mere mention of it. The less said about it the better. On the whole the summer of 1958 was a hard and tough time for the class of '61, and the survivors of the 2nd Dunkirk should be congratulated for taking the whole experience in the best of spirits.



Hat parade.



Kahwat El Nashat. Open day and night.

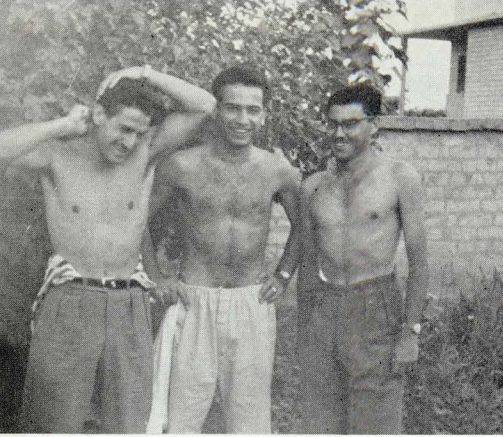


Very funny.

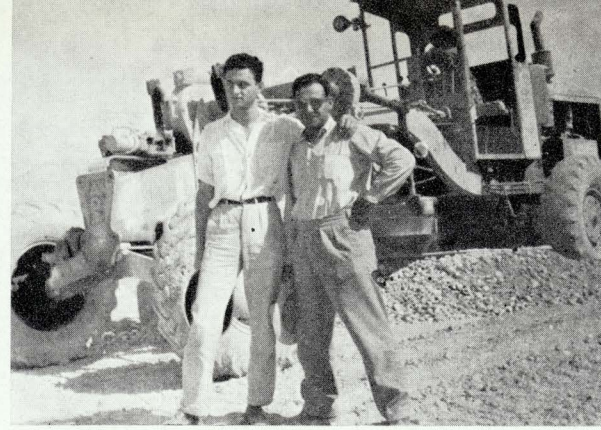


Died in action.





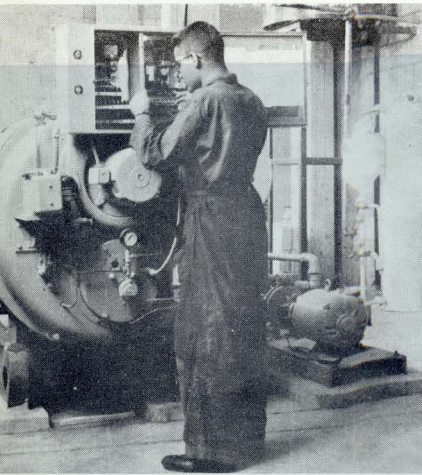
48° C in the shade



The balloon drifted towards the East



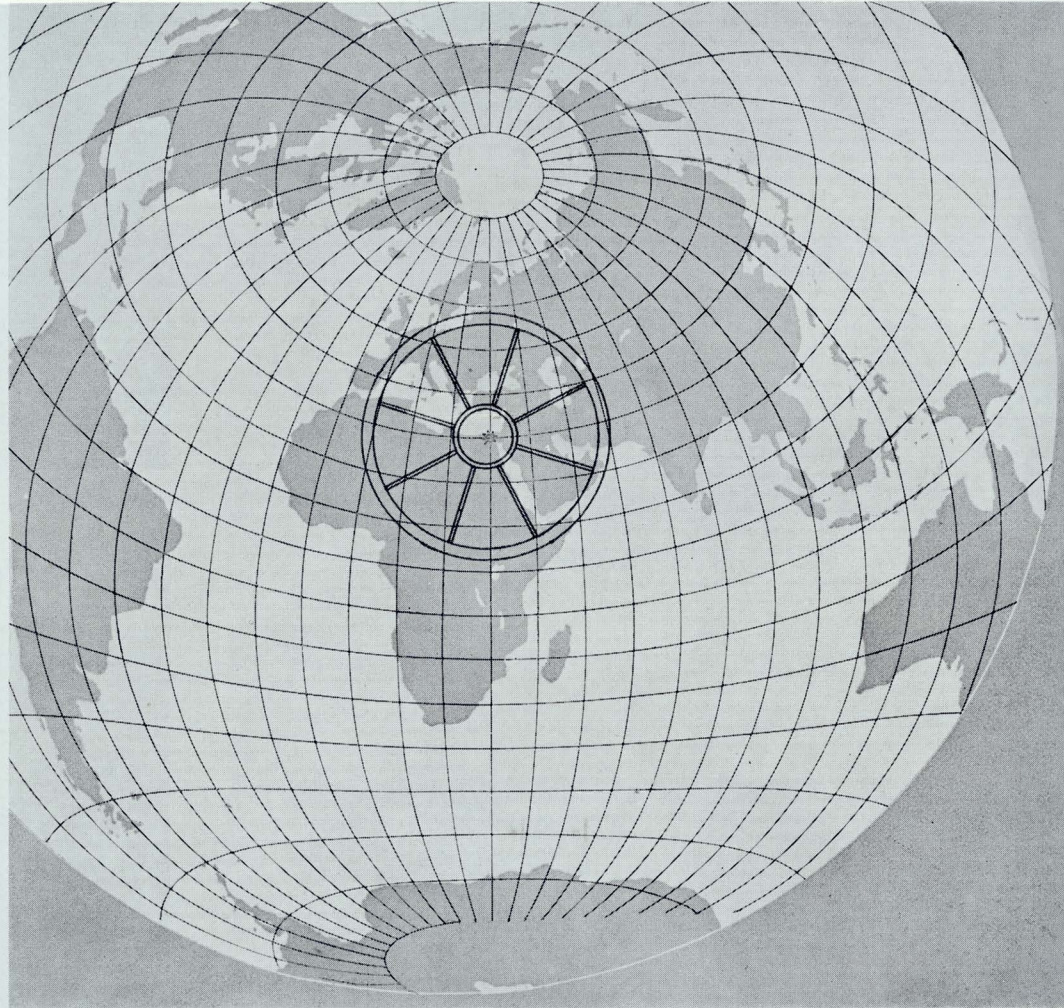
Summer



Doing something ?



European Adventurers (Rome)



The hat went around

Smoother labor-management relations







experience . . .

indeed !

Graduate bar benders

# AROUND THE WORLD IN 80 DAYS

## SUMMER OF 1958-CLASS OF '59

The reader is warned against making any conclusion from the title. What follows has nothing to do with Jules Verne or Mike Todd. In the summer of 1958, the boys of the class of '59 (then fourth years) were trotting the globe from London to Kuwait, acquiring as the term goes 80 days (11 weeks) of practical experience before graduation.

Unlike Passpartout and his master in Jules Verne's version the boys radiated, rather than went around the globe, from Beirut to Iraq, Kuwait, Saudi Arabia, Jordan, Italy, France, England, Belgium, Germany, Greece. But a few things were common to both groups: the means of travel (land, sea and air) and the adventures on their way and at the country of destination.

Among the students the number of Passpartouts was quite large. Although none of them was lucky enough to dance at a Spanish Fiesta, yet they had some real good times (especially the nights) somewhere in Europe: London's Piccadilly, Place Pigalle in Paris, Bade Wane (Bath of wine) in Berlin. Those who went to Europe were considered the lucky ones; and for obvious reasons.

There was the other unfortunate group whose balloon drifted towards the East and Southeast. And much in the same manner as Passpartout's sweating through India, this unlucky bunch literally sweated through the summer — 48°C in the shade.

But one thing made the difference between the two groups. The desert goers returned with pockets full, whereas some of the European adventurers had to wire home "No mon, no fun, your son."

Yet it was not all drudgery for the desert men. The team of Agha and Kuran passed the hat around among the baffled spectators after a bout of Judo. Another unfortunate's desert transport broke down in the midst of the desert at midnight; and the grim and very interesting topic of the fellow travellers was the "Survival of the Fittest".



Unstable equilibrium



The ideal trainee

In the absence of girls . . .

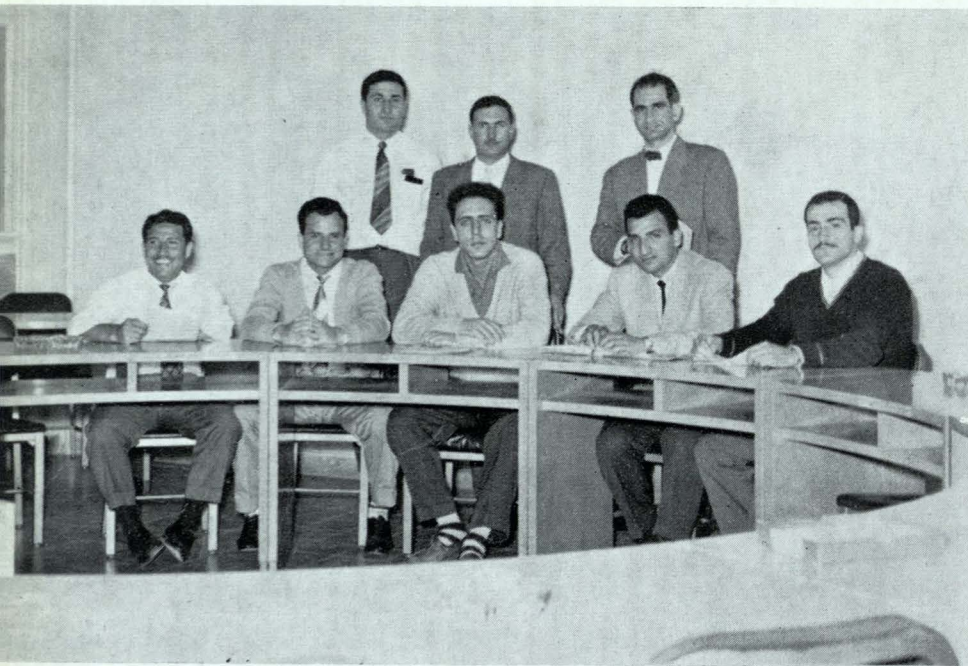
Trainees and dates



65

# THE ENGINEERING STUDENT SOCIETY

*All work and no play*



‘All work and no play’ as everyone knows reduces efficiency to a minimum. So in an attempt to supply the students with some diversion, the Engineering Students Society has gone so far that the motto could well be reversed ‘All play and no work’. And to achieve its purpose the cabinet of the Society has gathered around it 25% of the student body in active service, who contribute their share through the many and different committees: Show, Ball, Trip, Communications, Cultural, the latter with its Literary, General Knowledge, Art, Music and Chess Subcommittees. (The work of the committees and subcommittees appears later in this book).

## E. S. S.

Seated from left

EDWARD ZAKHARIYYA :	Treasurer
WILLIAM HADDAD :	Vice President
ANTOINE MAMARY :	President
JAFAR TUKAN :	Secretary
KRIKOR BAYTARIAN :	Associate Secretary

Standing from left

RAMZI SAMBAR :	Member
JARIR DAJANI :	Member
Prof. RAYMOND GHOSN :	Faculty Advisor

# THE ENGINEERING STUDENT CORPORATION

*Vox populi*



The second Titan in the life of the Engineering Students is the Corporation. Its main purpose, as opposed to that of the E.S.S., is the development among the students of the characteristics of the Professional Engineer.

The Corporation, a body of the students, from the students and for the students, tries to achieve student government indirectly. Excepting grades it gives recommendations to the Dean on many a certain aspect of student life and work in the School.

This year the Corporation successfully carried out what it inherited from its predecessors, such as the honor system for examinations, student employment, Saturday athletics etc... It also established the Aghayan Loan Fund in memory of the late Krikor Aghayan; celebrated the Engineers' week with the help of the E.S.S. with the intention of establishing it as a tradition; presented weekly documentary film shows; and started a night school to teach the technical staff elementary communication in the English Language.

## E. S. C.

Seated from left

- |                    |   |                        |
|--------------------|---|------------------------|
| SALEH HOMER        | : | Production Manager     |
| SABAH ABI-HANNA    | : | Vice President         |
| POLIVIOS VINTIADIS | : | President              |
| MICHEL GEDEON      | : | Public Relations Manag |

Standing from left

- |                    |   |                                  |
|--------------------|---|----------------------------------|
| SABA ABDO          | : | Secretary                        |
| YOUSEF SALMAN      | : | Research Manager                 |
| GEORGE AGHAJANIAN  | : | Finance Manager                  |
| IBRAHIM ABU AYYASH | : | Promotion and<br>Control Manager |
| HANNA MAKHLOUF     | : | Security Manager                 |
| GEORGE NAHHAS      | : | Personnel and<br>Student Manager |



"Is this really West Hall?" exclaimed Mrs. J. Paul Leonard when she was welcomed to the Engineering Christmas Ball. It was unbelievable that the huge tent with the striped colorful roof was the "Common Room".

The theme of the ball was "A Night of Nights" and the Engineering students did an excellent job in transforming the usual atmosphere of West Hall into an exotic palace somewhere in the Arabian Desert. The whole design and the decorations came out of the combined efforts of a group of fifth year Architects, under the supervision of Prof. Ghosn. Oriental arches covered the walls showing through their indirect lighting gracefully hung colored curtains. The court in the Arabian Castle (The Women's Lounge) was bounded at one end by a large painted panel showing Baghdad houses and roof tops. A lighted pool spurted water high into the air. The atmosphere was completed with the ushers dressed in Arab garb.

# A NIGHT OF



## ESS BALL COMMITTEE

### STANDING FROM LEFT

- AWWAD, MARIO : Member
- YEGPARIAN, VRAM : Vice Chairman
- ADNAN BITAR : Faculty Advisor
- SANBAR, RAMZI : Member
- BULUS, ZUHAYR : Treasurer

### MIDDLE ROW FROM LEFT

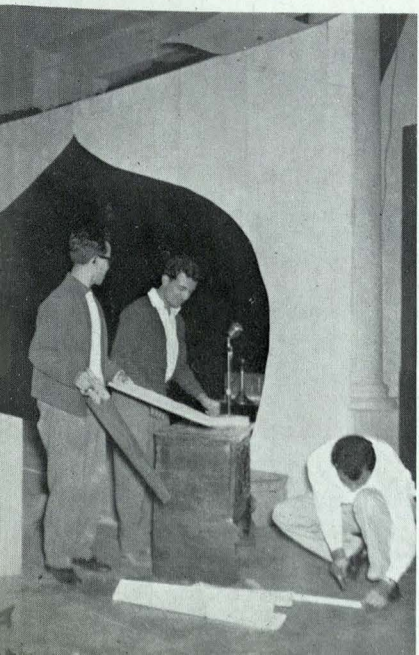
- RAYYIS, USAMAH : Secretary
- TAYMANI, ISMAT : Member
- ABI-HANNA, SABAH : Decoration
- MALHAS, NAIL : Member

### FRONT ROW FROM LEFT

- GHOSN, ABDULLAH : Member
- HADDAD, WILLIAM : Chairman
- NAJARIAN, BEDROS : Photography



# NIGHTS



The guests sat on sofas covered with beautiful Persian rugs, lent for the occasion by a former E.S.S. active member. Exquisite old oriental trays served as coffee tables for each group.

Distinguished guests of the "Night" were Mrs. Leonard, Vice President and Mrs. Benjamin Brown, Vice President and Mrs. Fuad Sarruf, Vice President and Mrs. Archie Crawford, Dean and Mrs. Farid Hanania, the late Dean Edgcombe and Mrs. Edgcombe, Dean and Mrs. John McDonald, Acting Dean and Mrs. Levon Melikian and Dean and Mrs. C. Ken Weidner.

Leo and his band supplied nonstop music for the 170 couples when they were not lazily lounging on the oriental divans. Egyptian waiters in Berber clothes attended with refreshments, shawourma and special "Arguilas" and desert coffee which helped transport the people to an almost out-of-this-world setting,

Vice President Fuad Sarruf was one of the many lucky guests who won lottery prizes.

At 1:30 the ball had to be brought to an end with the Alma Mater.

# ENGINEERS

# WEEK

This year for the first time in the history of the School the students celebrated the Engineers' Week. Together with our colleagues of the French Faculty of the E.S.I.B. a week packed with receptions, trips, lectures, games and parties was organized. The Engineers' Week, celebrated every year in North America as well as some parts of Europe, starts on Feb. 22, George Washington's birthday, because he is considered the first professional engineer in the modern understanding of the profession.

We hope to make of the Engineers' Week a tradition in the School, and thus create an opportunity to bring both students and faculty from the two Engineering Schools into still closer contact - something of primary importance in a truly universal profession such as ours. Another aim will be to make people aware of the profession, its problems and services to mankind.



**SUNDAY - TRIP TO CEDARS.** The week's celebrations were set off by a trip to the Cedars, sponsored jointly by the E.S.S. and the W.S.O. (Woman Students Organization).

"The four buses left the Medical Gate at 6:30 a.m. The cloudy weather, bitter wind, and light showers, produced a gloomy out-look which was soon to change with the elements, to a very cheerful one.

The warm cozy atmosphere at the "Cheminee" with its dim lights, as contrasted to a freezing, blinding white outside, together with a stimulating rhythm, rendered dancing irresistible. However, as the ratio of girls was lean (35 girls to 85 boys) many had to seek other sources of fun. As couples swirled indoors, those outside had all the favorable conditions for skiing: not so sunny as to hurt the eyes, yet not very cloudy to make it very cold."

From OUTLOOK



**MONDAY - TARBOUSH DAY.** "Procession cancelled" read the sign in front of the Engineering Building. Students protested, for it was going to be fun walking up the campus with tarboushes on. All the same a queue was forming in front of the counter and eager students signed for tarboushes as the classes let out one by one for the lunch break.

In a matter of minutes groups of Engineers were seen all over the campus.

**TUESDAY - RECEPTION AT A.U.B.** At 5:00 p.m. a reception was held in the Bechtel Engineering Building for the faculty and students of the E.S.I.B. The chancellor of E.S.I.B., R.P. Alban de Jerphanion and a group of the French Faculty and Students were shown around the school. They showed particular interest in the modern equipment in the various labs.

After the tour, the cozy atmosphere of the Milk Bar helped to create many new friendships over a cup of hot tea.

At 6:30 p.m. Dean Weidner spoke about the Nature of Engineering and traced the history of Engineering from its earliest times to the modern meaning of the profession. According to Dean Weidner, education and training for the Engineering profession has three definite roots: the first French, the second English, and the third American. The French root began about 1700 when science courses were first introduced into the French military engineering schools. This established two things in the European concept. First that an engineer is a cultured gentleman, and second that he is the product of a scientific education. The second root, which comes from the United Kingdom, approaches engineering as an empirical craft. Here the beginnings of engineering education were in the more advanced mechanical workshops where the enterprising craftsmen deduced theoretical knowledge from their experimentations. This established the concept that the engineer is an empirical investigator and a competent technologist. The third root is the American concept of democratic cooperation toward the accomplishment of things for the common good. This established the moral and ethical concepts of this profession for the benefit of society. So when George Washington established the Academy for Military Engineers and Artillerists at West Point in 1798 he brought into being the first formalized school for the development of professional engineers in the modern sense.

Washington has also a special standing for the A.U.B. Engineers. The Engineering colors were taken from his family's Coat-of-Arms, and the Engineering Target is taken from the marks he used to indicate the boundaries of the land he surveyed. When people asked him what the colors stood for, he would reply, "The white means that this is the true boundary to my best knowledge and the red means that I have the courage to defend it".

The Chancellor of the E.S.I.B., R.P. Alban de Jerphanion, spoke in French on "The Status of Engineers in Lebanon". This satirical fifteen minute talk was very stimulating and exposed some of the bad situations which we hope the present generation of graduates will correct.



**THURSDAY - LECTURE BY MR. SAMI HADDAD.** The gist of the Lecture by Mr. Sami Haddad, Treasurer of the "Ordre des Ingenieurs" of Beirut.

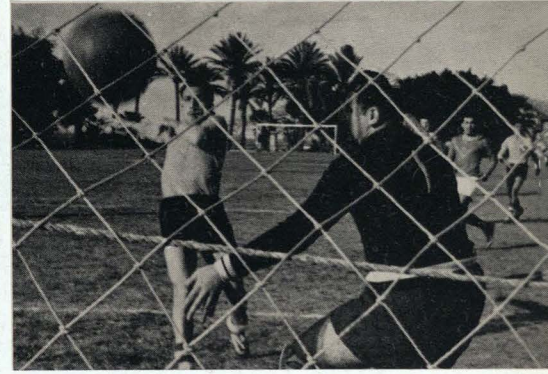
The Order which is not a syndicate is made up of two branches under a combined council: one in Beirut and one in Tripoli. The mission of the Order is professional, scientific and administrative but non-political and its aims are:

1. To unify the body of engineers, safeguard their rights and legal interests, raise the standard of the profession, and see that all members respect its code of ethics & honor.
2. Take disciplinary measures against members who abuse its laws and code of honor.
3. Voice its opinion on all projected laws or regulations pertaining to the profession, upon demand by the Ministry of Public Works.
4. Voice its opinion with regard to participation in International Engineering Congresses and the naming of delegates to these.
5. Settle disputes peacefully among member engineers or among them and their clients.
6. Help needy and elderly engineers or their families and create a special fund for pension to insure members against old age or incapacity.

The executive council is chosen by all members and any member can run for office.

**WEDNESDAY - RECEPTION AT E.S.I.B.** Many A.U.B. Engineers and Faculty visited the Ecole Superieure d'Ingenieurs de Beyrouth. On their traditional grounds the students of the E.S.I.B. received us cordially and showed us the different parts of their school. There was a certain reverence in those quaint oldish buildings which compose the E.S.I.B.

After the tour of their buildings and shops we enjoyed refreshments and at 6:30 p.m. attended a lecture by Pierre Guevel on Radar in the Salles U.S.J. The talk was very interesting and the two people who seemed to have enjoyed it most were Prof. Hope and Ibrahim Abu-Ayyash. They do not understand French.



**SATURDAY - ATHLETIC MEET AND DANCE.** As the Engineers' Week drew to an end, Saturday provided most of the activities as well as the climax. In the afternoon the two Engineering schools held friendly games in football, basketball, and volleyball on the A.U.B. Greenfield. The superiority of A.U.B. Engineers, in the field of sports was unquestionable but still our friends of the E.S.I.B. put up a good fight till the very end. The score was 13-2 in football, 105-35 in basketball and 2-0 in volleyball, all in our favor.

The climax of the week came in the evening when the two schools held a joint party in the Bechtel Engineering Building. The E.S.S. and the Push and Pull Bands provided the atmosphere for a very enjoyable evening. Dean and Mrs. Weidner as well as many faculty and their wives were present to liven up the party.



**SUNDAY - RALLY-PAPER.** Engineers' Week wound up with a Rally-Paper which created the most comic situations of the week. A Rally-Paper is a test of expert driving and quick thinking.

An example of a question was "Name? Age? Profession-Soldier. Religion?" Answer: "Unknown Soldier" The student stationed at the tomb was arrested by the policeman on duty because of his suspicious actions in handing out papers to cars coming to a screeching stop near the tomb. After some questioning at the police headquarters the matter was cleared up only when Dean Weidner intervened and the authorities were convinced that the student stationed near the tomb of the Unknown Soldier did not mean any harm but was only participating in a car race.

# WHO'S WHO IN ENGINEERING V



Saba and Wife.



Eddie and Fiancée.



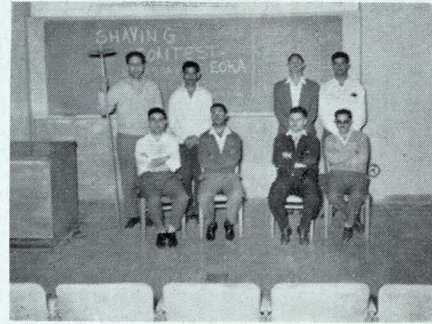
Champagne on the house.

## ON THE OCCASION OF EDDIE'S BETROTHAL

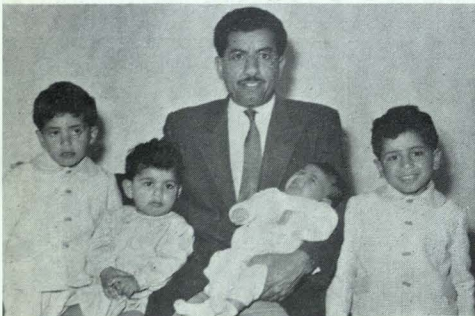
It is my painful duty as Chairman of the Society for the Propagation of Bachelor Life to announce to you and to the members of the Society the insurmountable loss we suffered when our treasurer Edward Bakjejian succumbed, unconditionally, in our eternal fight against matrimonial bonds and joined hands with our common enemy — "The offsprings of Eve" — We have lost our Eddie forever. Never in the history of mankind had so few lost so much.

In vogue with our chivalrous spirit I cannot but wish Edward Bakjejian all the luck in the world for a preposterous (I mean prosperous) future.

SADIK HANNA



EOKA Members.



Yacoub with kids and newborn.



Khaled and Hammerskjold.

## E.O.K.A. MEMBERS

Extra over kurrikular activities

- MUNIR KHOURI  
Chief of Staff
- FARID MAKDISI  
Orchestration Dept.
- DIRAN SRABIAN  
Chief Pianist
- MA'MUN DIAB  
Security Officer
- TONY MA'MARY  
Inside Doorman
- SADIK HANNA  
Coordinator at large
- ZUHAIR BULUS  
CBLO Manager
- HRATCH ETYEMEZIAN  
Minority representative

The Architects and the 80 L.L. wager.



72 Agha and Astronomy.







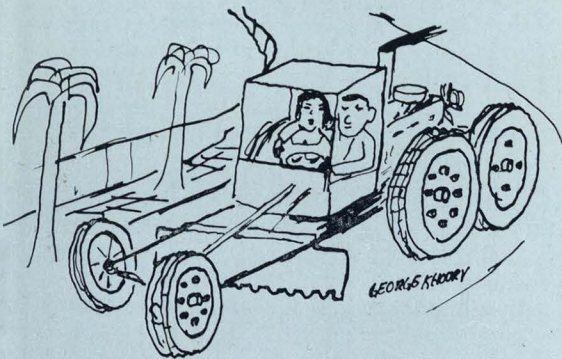
Farid with Lebanese Painters.

Armlocker Edward.

وَجَمْعُ الْبَطْرِ تَعْتُو فِي دَمِي وَتُرَوِّي عَلَهَا مِنْ عَصِي



"How did you get it?" "Simple, just mention 'Engineering V'."



V year Civil and date.

### GARBAGE FEVER

by John Leftfield

I must go down to the city dump,  
to the lonely dump and the sky,  
And all I ask is a garbage truck  
and a star to steer her by;  
And the coffee grounds und the apple peels  
and the rancid fat shaking,  
And the grey smoke from the burning trash  
and the grey dawn breaking.

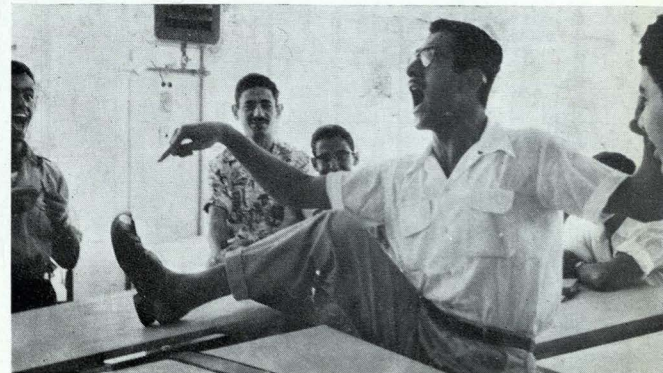
I must go down to the city dump,  
for the call of an old shoe fried  
Is a wild call and a clear call  
that cannot be denied;  
And all I ask is a windless day  
when the acrid smoke hides the sun,  
And the garbage burns in a greasy mess,  
and a thousand rats all run.

I must go down to the city dump,  
to the vagrant gipsy life,  
To a mountainous pile of orange peels,  
far away from the city strife;  
And all I ask is a merry yarn  
from a laughing dump prospector,  
And the quiet sleep and the sweet dream  
of the happy trash collector.

Dedicated with sympathy, by the class of 1959 to Prof. Hope, Lecturer in Sanitary Engineering.

### THE E.S.C. PROUDLY PRESENTS

- |                               |          |   |
|-------------------------------|----------|---|
| The Admirable Mr. Pennypacker | Starring | POLYVIOS VINTIADES and SABAH ABI HANNA (President and Vice) |
| Executive Suite               | »        | SABA ABDO (Secretary)                                       |
| Atoms for Peace               | »        | YOUSEF SALMAN (Research)                                    |
| The Key                       | »        | HANNA MAKHLOUF (Security)                                   |
| Destination Moon              | »        | SALEH HOMER (Production)                                    |
| Blackboard Jungle             | »        | GEORGE NAHHAS (Personnel and Students)                      |
| How to marry a millionaire    | »        | GEORGE AGHAJANIAN (Finance)                                 |
| High Society                  | »        | MICHEL JIDAWN (Public Relations)                            |
| On the Waterfront             | »        | IBRAHIM ABU AYYASH (Promotion and Control)                  |



The Absent.

The Sleeping Prince.



# THE YEARBOOK



PRESENTATION OF THE 1958 YEARBOOK TO THE DEAN.

The YEARBOOK is produced by the combined efforts of thirty some students, divided into six sections, whose work during each academic year culminates in these pages. To work together for the attainment of one common goal by such a large group requires cooperation and teamwork. This is mainly achieved through the system for the division of work followed by the Yearbook committee.



PRESENTATION OF THE 1958 YEARBOOK TO THE PRESIDENT.

The EDITORIAL SECTION proposes the main form that the Yearbook is to take. It writes all the material covering all major events in the school and those outside in which the school participates. It informs the photography section when and what pictures are needed and keeps in constant touch with the developments of the layout section.

The MANAGERIAL SECTION manages the affairs of the whole committee, checks on the progress of the work and acts as a liaison between the press and the Yearbook Committee. It also conducts the general meetings of the committee.

The BUSINESS SECTION has the important task of finding ways and means for financing the Yearbook. Since the Yearbook has to be self-sufficient financially their main job is to find advertisers who are willing to advertise in our publication and sell the maximum possible number of copies of the Yearbook.

The PHOTOGRAPHY SECTION provides a variety of interesting and illustrative pictures for the Yearbook. They cover all major events in which the school participates and any interesting or comic situations that might arise.

The GRADUATE SECTION keeps in touch with our graduates and tries to convince them to write for the Yearbook as well as "to sell them a copy." It presents its findings in a few pages of the Yearbook.

The LAYOUT SECTION designs the whole Yearbook page by page. The general appearance of the Yearbook, its artistic touch and good arrangement lies with this group whose members are all architectural students.

The production of the Yearbook requires a lot of work. Losing sleep to meet deadlines, sweating through stacks of proof sheets, trying to convince the press people to give you the exact effect you want are experiences you can get only by working on the Yearbook Committee.



FIRST LOOK AT THE 1958 YEARBOOK.



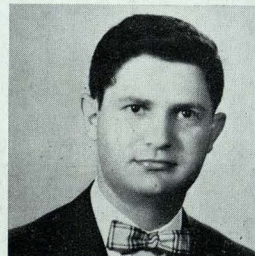
Assadour Hadjian  
Editor



Hratch Etyemezian  
Manager



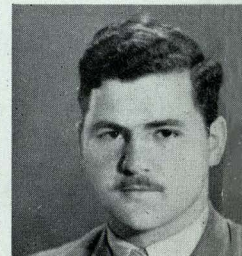
Hani Azar  
Business Manager



Saba Abdo  
Photography Manager



Khalid Abdel-Nur  
Graduate Section Manager



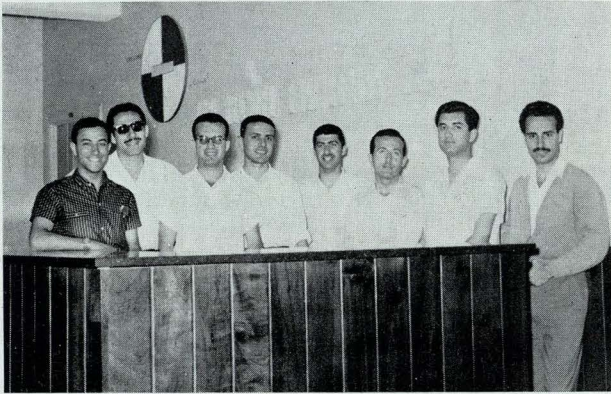
Diran Srabian  
Layout Manager



LAYOUT SECTION

FROM LEFT

- Vahe Geukguezian : Apprentice
- Hani Hakki : Apprentice
- Jafar Tukan : Assistant
- Diran Srabian : Manager
- Stelio Scamanga : Assistant



BUSINESS SECTION

FROM LEFT

- Nadim Gharghour : Apprentice
- Murad Ghulmieh : Assistant
- Suhail Shahfah : Business Associate
- Hassan Ayyad : Business Associate
- Hani Azar : Manager
- Awni As-Sakit : Business Associate
- Fuad Munla : Business Associate
- Ohannes Jezmedjian : Business Associate

IN ABSENTIA

- Issa Kassiss
- Homer Saleh



PHOTOGRAPHY SECTION

FROM LEFT

- Bedros Najarian : Assistant
- Saba Abdo : Manager
- Nadim Zakharia : Assistant
- Emmanuel Sotiropoulos : Associate



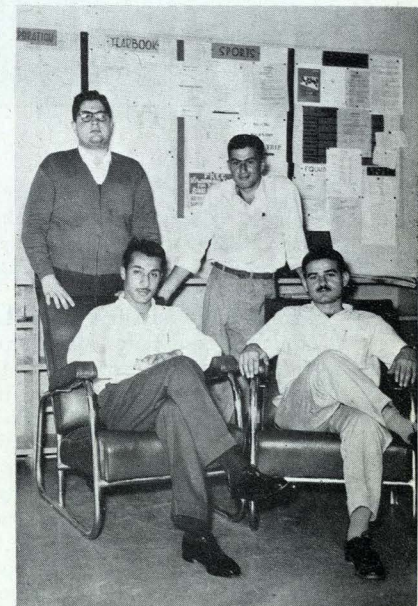
EDITORIAL SECTION

FROM LEFT

- Haralambos Harris : Assistant
- Ramzi Zeine : Apprentice
- Assadour Hadjian : Editor
- Kamal Ahmad : Apprentice
- Polyvios Vintiades : Associate

IN ABSENTIA

- Samir Hamzeh : Assistant



GRADUATE SECTION

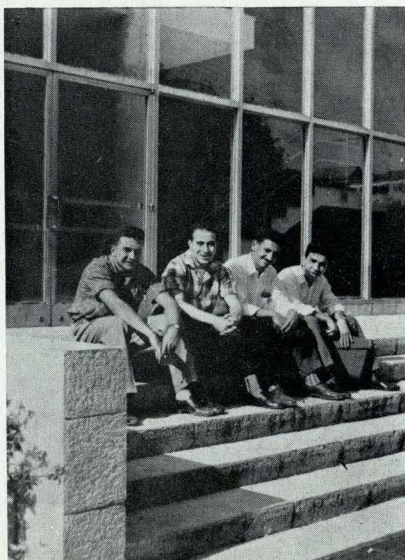
FROM LEFT

- Joseph Abdallah : Assistant
- Khalid Abdel-Nur : Manager
- Elie Bannayan : Apprentice
- Usama Nahhas : Assistant

MANAGERIAL SECTION

FROM LEFT

- Mustafa Barazi : Apprentice
- Vram Yegparian : Assistant & Yearbook Secretary
- Hratch Etyemezian : Manager
- Munir Khouri : Filing



# "STUDENT LIFE IS A MANY SPLENDORED THING"...



To make them feel at home.

Perhaps no student in A.U.B. experiences as many activities as an Engineering student, certainly non, as diverse. The School lends itself as a stage where the most comic and the most serious are not only compatible, but often act in unison. It is this variety that makes endurable all the frustrations, the difficulties and the strains that accompany Engineering education. Thus, student life, far from being routine, manifests itself in a variety of activities which helps strengthen the bonds among the students and makes one family of about three hundred people. In an attempt to expose the student to the responsibilities of the Engineering Profession, many of the duties of the School are left in the hands of the students so that the Engineering student body now stands very close to a self-governing group. The Honor System is perhaps the most outstanding feature of self-government. The Engineering Student Society and the Engineering Student Corporation are two other such features, the importance of which cannot be overestimated.

As for extra-curricular activities, they vary in nature from art exhibitions to athletic games, from parties to paper rally races, trips, contests etc. The first of these activities, which takes place at the beginning of the academic year - October, is the Reception. In this event, the newcomers, both faculty and students, are entertained while their senior colleagues try to make them feel at home.

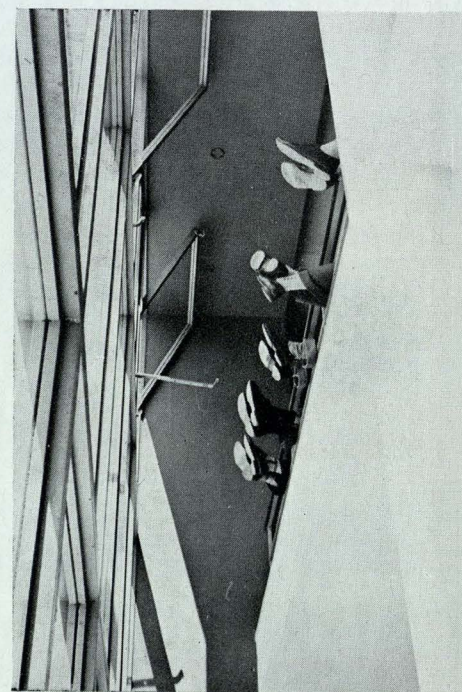
Other traditional activities take place at about the same time every year. The Xmas Target Ball is one such activity which this year proved to be a hit. West Hall Common Room was choked with fun-seekers who enjoyed a very original and interesting "Arabian Night".

The trip to the Cedars is another tradition which suffers only the criticism of a shortage of places. Four buses could hardly carry all those who were interested in the trip this year. But it was exceptional in that there were no accidents among the skiers - rather unusual from the statistics point of view.

The Paper Rally Race is gaining more and more popularity. The sensation it created can be felt from the amount of space that was dedicated to it in Outlook.

Two young committees, which must be congratulated for a job very well done are the Literary Committee and the Art Committee. They both meet in their endeavour to produce cultured and well-rounded engineers. The first had many activities, the most important of which were the Oratory Contest (from Shakespeare) and two poetical evenings with Poets Omar Abu Rishah and Sa'id Akl. The Art Committee decorated the corridor on the fourth floor of the Bechtel Engineering Building with reproductions and paintings which were changed fortnightly all through the year. The exhibit of works of a group of Lebanese Artists crowded the School for two weeks creating a great sensation. All these are traditional activities which are scheduled and carried out according to plan and there are many others still: Parties for different occasions, Saturday nights, athletic games, etc. But it is only those little things - particular perhaps - things that usually go unnoticed, that are the major concern here. It is these particulars, everyday chats, little things done by-the-way, that were described as comic, because it is these things, really, that affect everyday life.

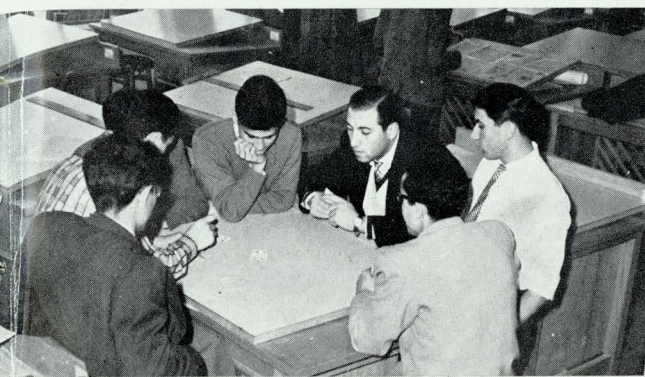
These are the things that make the School "Home" to most of us. Without them, all the parties, balls and rally race will change nothing in the state of nervousness and tension in which we often find ourselves after four consecutive lectures or a four-hour problem period or... Quizzes. The fun goes in repeating them or describing them, but mention of some instances will help detecting others when such occur - not that they are all very unnoticeable. Want some? Well, how about such a "Good Morning" salute?



"Good Morning"



Not all of the activities can be called constructive in the strict sense of the word. Indeed some of the crazes that took hold in the School lately can be safely considered destructive. The "Likha" craze (or Black Queen) for instance, which spread most among Fourth Years, took most of their free time (indeed, sometimes, their busy time too). The lobby was almost always full of "fours", possessed by the game; so much so that they had to be quieted down very frequently. "Bridge" which ranked second in popularity was at first "Fifth Year Stuff", but later diffused into other classes. The Second Years, on the other hand, were all for "Chess" - with a hand or two of "Tarneeb" (Whist), every now and then. "Thank God", the Administration must be thinking now, "the First Years have not yet been spoilt".



Bridge everywhere.



Caught red-handed.



Baffling, isn't it ?



Pyjamas, blankets, slippers etc. etc. etc.

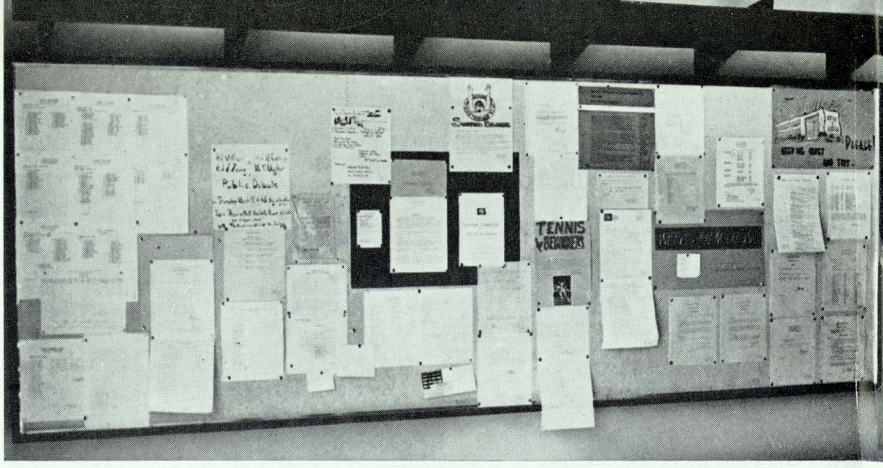
It seems that non-engineers are almost always struck by the great number of lockers they see around in the Engineering School. They certainly would not wonder so much when they know what they contain. And strange as it may seem to them, they contain besides what is commonly kept in a locker at school the following items, (remember these are only examples): a shaving set with after-shave lotion, pyjamas, blankets, slippers, soap, towels, tooth-brush, comb, bath-robe etc. For those who are puzzled, remember that "School is like Home to most of us". And for those who don't believe just have a look at what we do at "Home".

Make yourself comfortable.

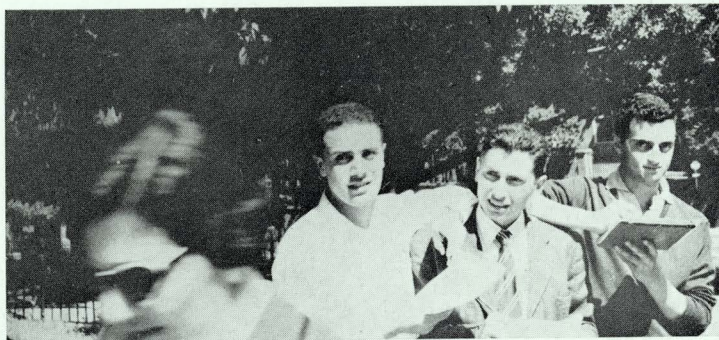
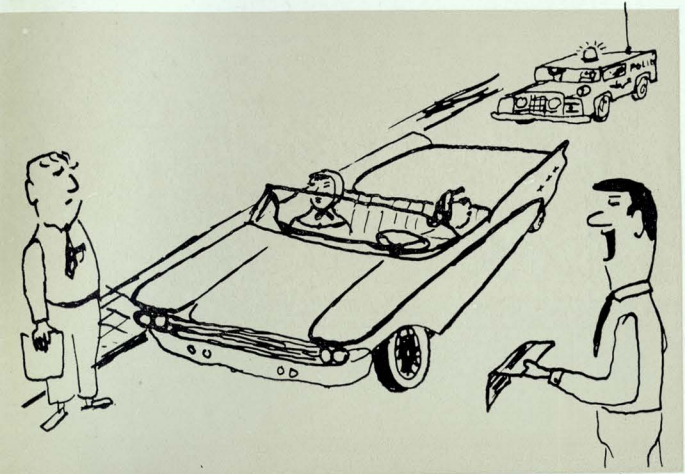


Feeling at home.





Notice No. xyz. "Will the Fifth year students who are on probation contact Prof. Abi Rashed at the Judo shed at 6.00 a.m. tonight for teaching the staff English and for rehearsing the first act of the show. Please wear neck-ties".



Counting cars and gals



"What is being shown in Hamra this week?"

Lost man!



**DELAYED REVENGE :** Two years after Prof. Sloane's "relic" car appeared in the 1957 Yearbook, Prof. Sloane, one happy day, finds a card under the wind screen wiper of his "car", and sends it with a note to the Yearbook Committee. The card reads "Sale and Purchase of second-hand and new cars".

**ROUTINE :** A. Writing your Homework ?  
 B. Yeah  
 A. Mind making a carbon copy ?

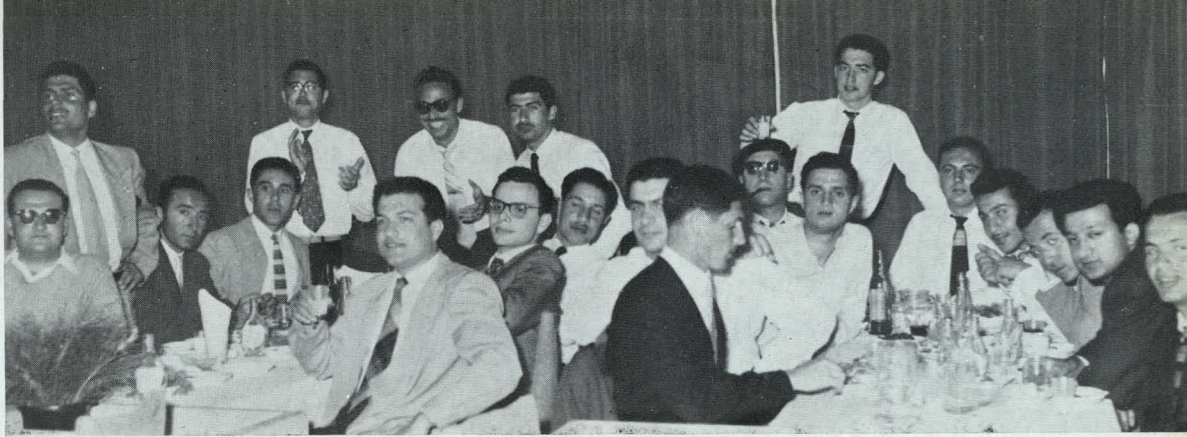
**SADIKOLOGY :** Instructor (during a lecture on the Evolution of Cities): To keep the masses satisfied the Roman Emperors supplied them with amphitheatres, circuses, festivals, gladiators, even ice-cream. What else did they want ? (Rhetorical)

Sadik-el-Hanna: Popcorn !

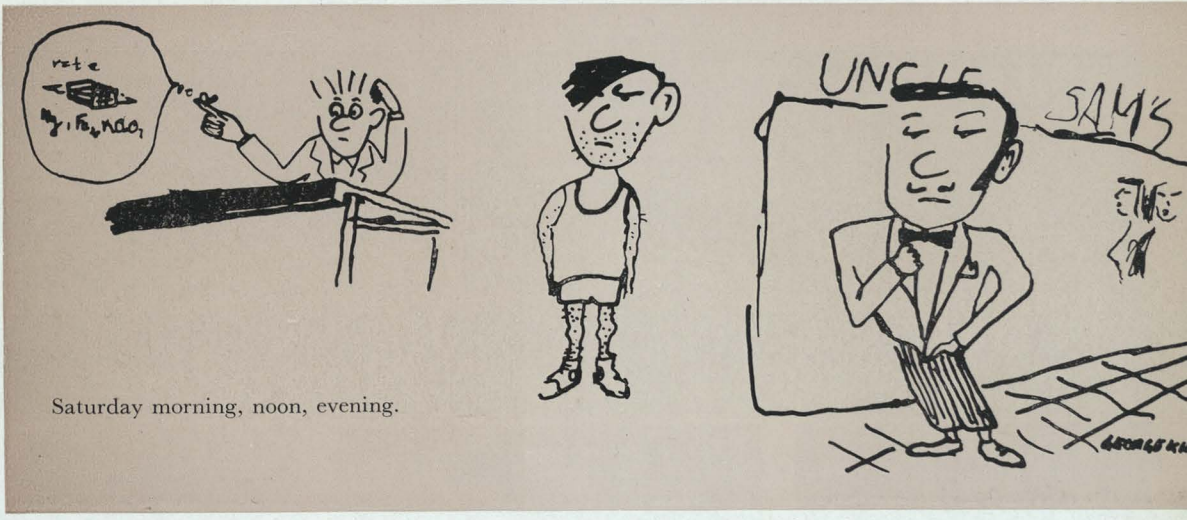


"A certain sneer..."

After exams.



Child at heart.



Saturday morning, noon, evening.



Campaigning for E.S.C. elections.



As I was saying,....



Be happy in your work.

"Oh, Suzanna! we have a quiz this week."

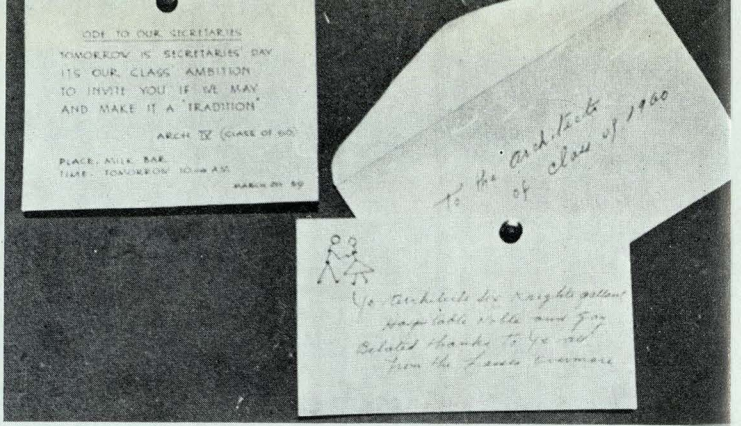


What's so funny?





Galentry tackses the fourth year architects.



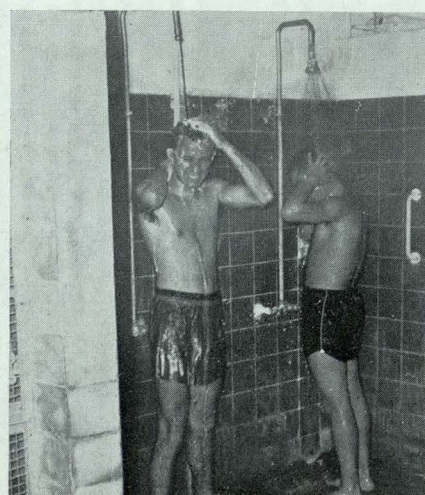
Moral support.



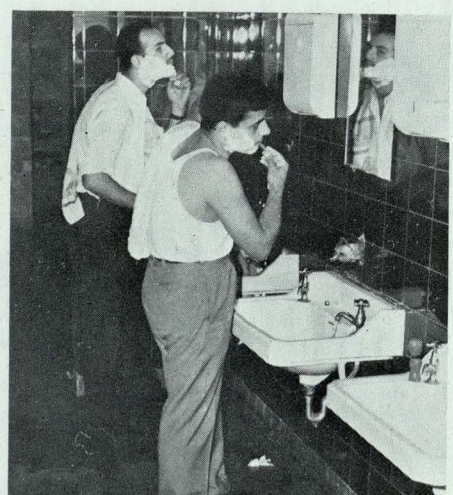
In vain.



Shake (milk)



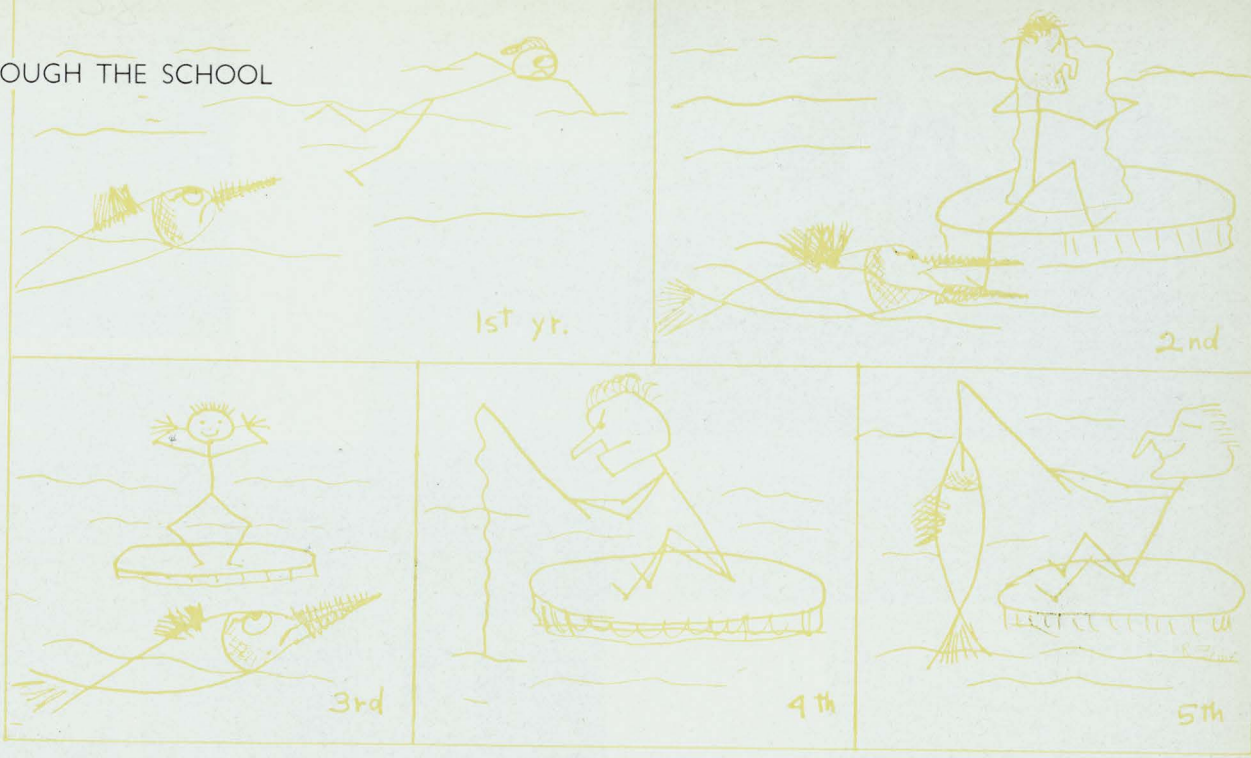
Shower



Shave



THE MARATHON THROUGH THE SCHOOL



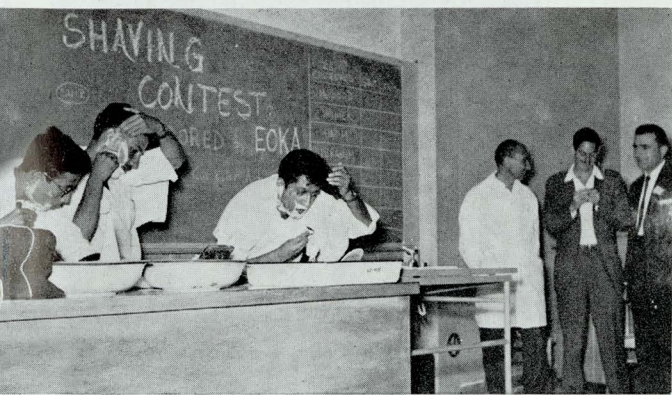
Sadikology again.



The Engineering Kruppa.



To hell and back.



A dream coming true



After four years.





**ESS TRIP COMMITTEE**

- FROM LEFT  
 Antoine Haddad  
 Abdallah Ghusn  
 Edward Akkawi  
 Mr. T. Searle, Faculty Advisor  
 Eddie Zakharia, Chairman  
 Krikor Baytarian  
 Nadim Abu-Rahmeh



TRIP TO BAALBEK

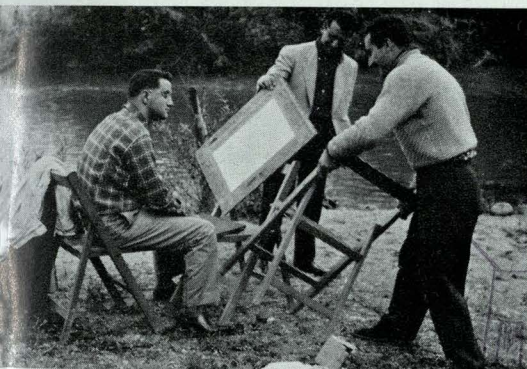


TECHNICAL TRIP TO EGYPT (Organized By E.S.C.)

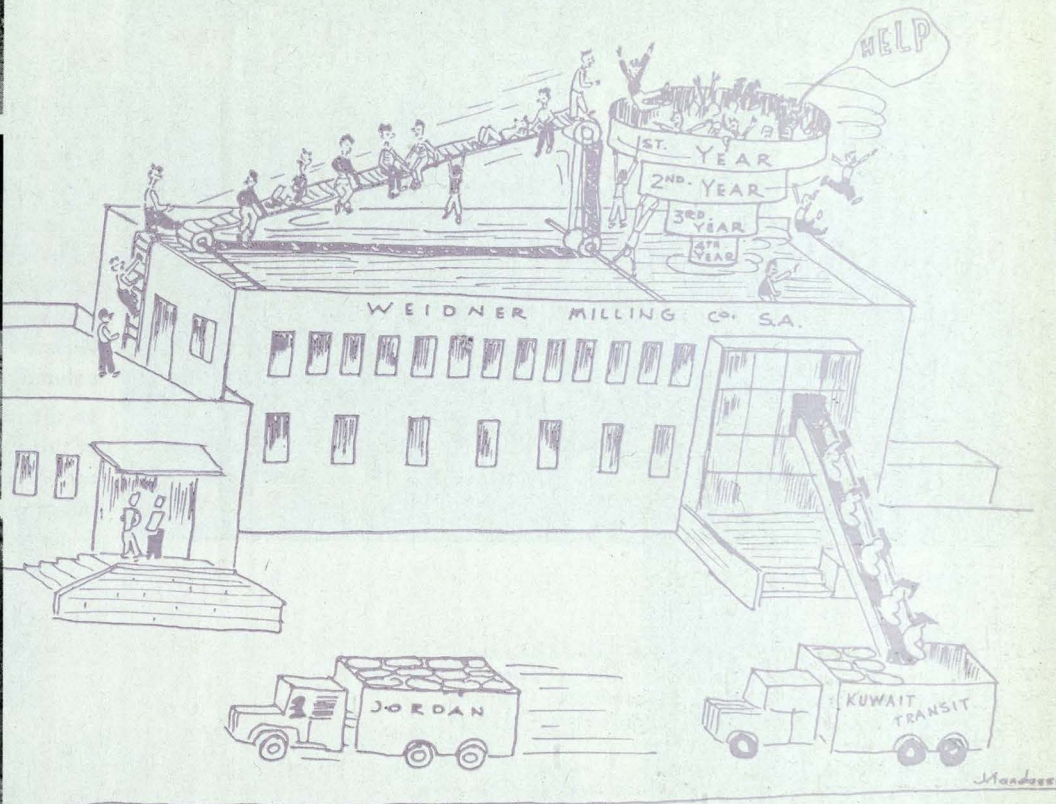
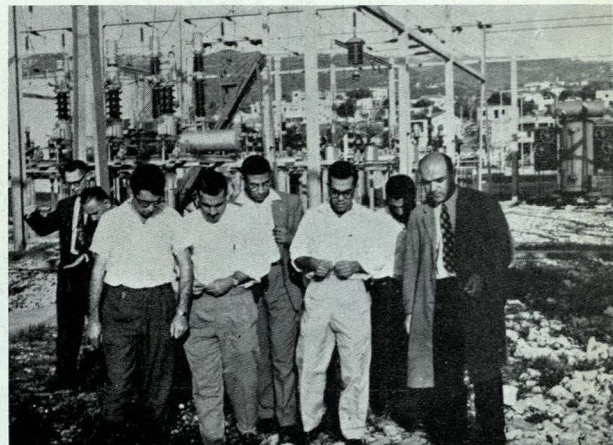
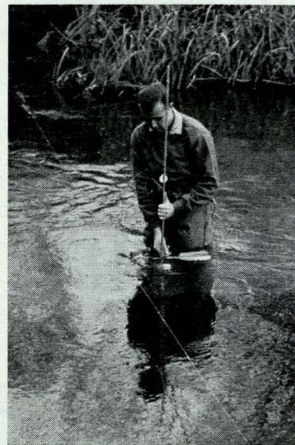


Danger of Distractions . . .





DESIGNING ARCHITECTS



# ENGINEERING, OR ART SCHOOL?

( HIGH SOUNDING... EUH — Ed.

*“What we should aim at producing is men who possess both culture and expert knowledge in some direction. Their expert knowledge will give them the ground to start from, and their culture will lead them as deep as philosophy and as high as art”.*

ALFRED NORTH WHITEHEAD



## CULTURAL COMMITTEE

FROM LEFT

- Stelio Scamanga : Art Subcommittee Chairman
- Edward Akkawi : General Knowledge Subcomm. Chairma
- Rashid Nassar : Music Subcommittee Chairman
- Najib Kawar : Chess Subcommittee Chairman
- Issa Kassis : Secretary
- Jarir Dajani : Chairman
- Michel Jidawn : Literary Subcommittee Chairman

Never before did the young engineers show so effective an enthusiasm for cultural work. The academic year in its entirety was a cultural boom, at once lively and colorful. New horizons were explored and the scope of activity widened until it included a variety that could suit almost any taste. No wonder it attracted engineering students in scores to organize, participate, or at least appreciate. Thanks goes to the cultural committee and to the several sub-committees and sub-sub-committees, or, perhaps, thanks belongs to the thirty credit hours of cultural sequence courses incorporated in the engineering curriculum.

In the next few pages there is a brief survey representative of this cultural activity in its various fields of Art, Literature, Music, General knowledge, Chess and what not. It indicates what engineers can do when they — for a change — forget about their slide rules and T-squares.

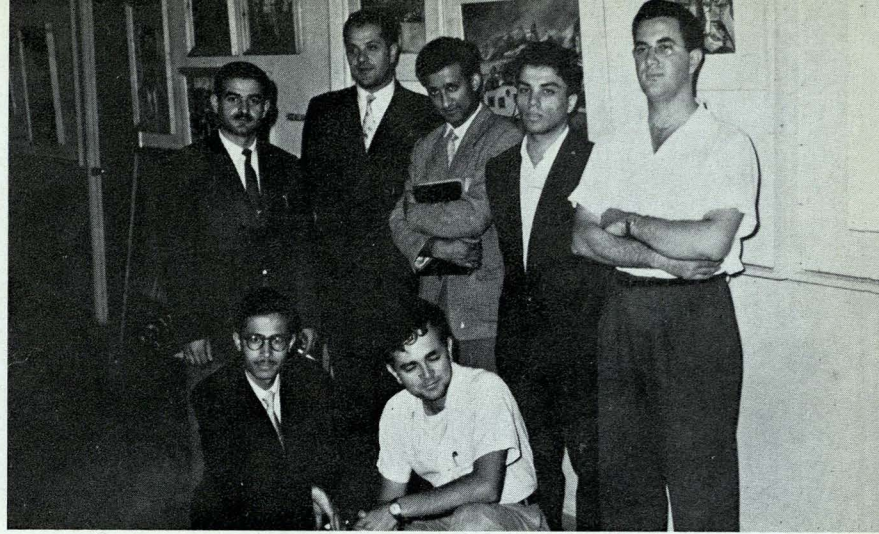
First prize photograph — SAMI RISHA

First prize painting — VAHÉ GUEKGUEZIAN



## LEBANESE ARTISTS

The art sub-committee made it possible for art admirers of the Engineering community and their friends to meet the prominent Lebanese Artists: Michel Basbous, Halim Hajj, Aref Rayess, Mounir Nejm, Jean Khalifé and Paul Guiragossian. This distinguished group exhibited selections of their works in the Engineering School for the first time, consisting of nine sculptures, twenty paintings and twelve drawings. Mrs. Benjamin Brown and Dean C. Ken Weidner opened the exhibit before a large and eager crowd.



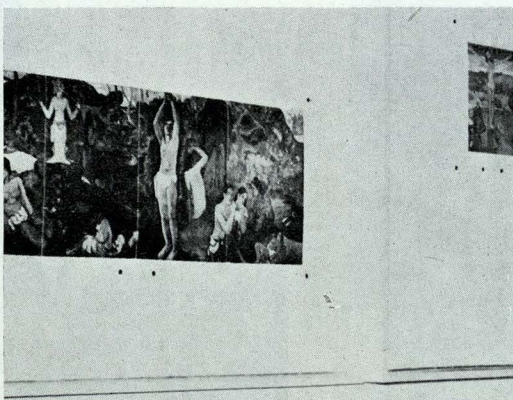
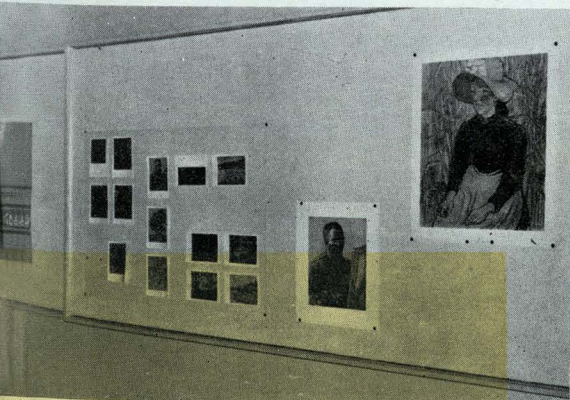
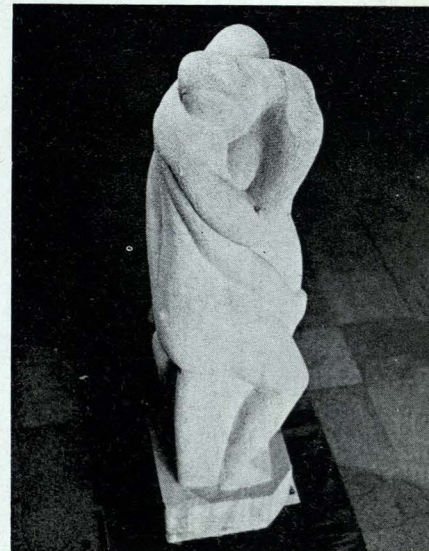
## ESS ART SUBCOMMITTEE

STANDING FROM LEFT

Abdallah, Josef  
Prof. Contavelli (Faculty Advisor)  
Rayess, Farid  
Guekguezian, Vahe  
Scamanga, Stelio

SEATED FROM LEFT

Ghunaym, Hatim  
Zeine, Ramsey



## BIWEEKLY EXHIBIT

This year the walls of the Bechtel Engineering Building were kept decorated with reproductions of modern art. Through a new system of bi-weekly exhibits of such reproductions, the development of the modern art movement was traced from Cezanne till the present day. One fortnight was dedicated to Chinese Reproductions.

## AMATEUR ART EXHIBIT

To encourage original work in the engineering students, the annual Amateur Art Exhibit was held for the third time. Students' work in photography, painting and sculpture were presented. The winners:

Painting. 1st prize — Vahé Guekguezian  
2nd prize — Scamanga Stelio and Salha François  
Photography. 1st prize — Sami Risha  
2nd prize — Sabah Abi-Hanna  
Drawing & etching. One prize — Farid Rayess.

ESS LITERARY SUBCOMMITTEE



FROM LEFT

Awni Masri, Daoud Khalaf, William Haddad, Ibrahim Abu Ayyash, Mr. Adnan Bitar (Faculty Advisor), Farhad Irani, Awni Sakit, Michel Jidawn.

IN ABSENTIA

Hatim Ghunaym, Suhail Haddad, Suleiman Umari.

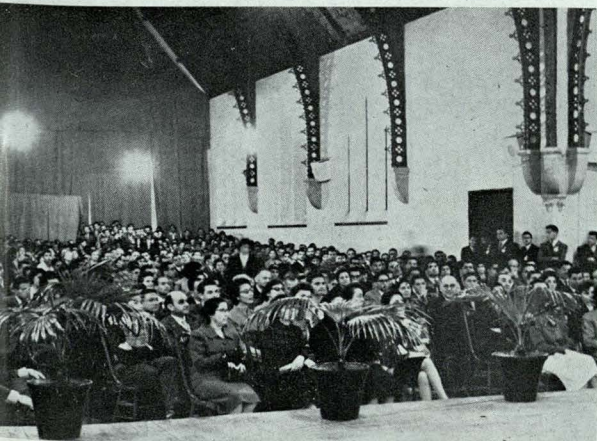
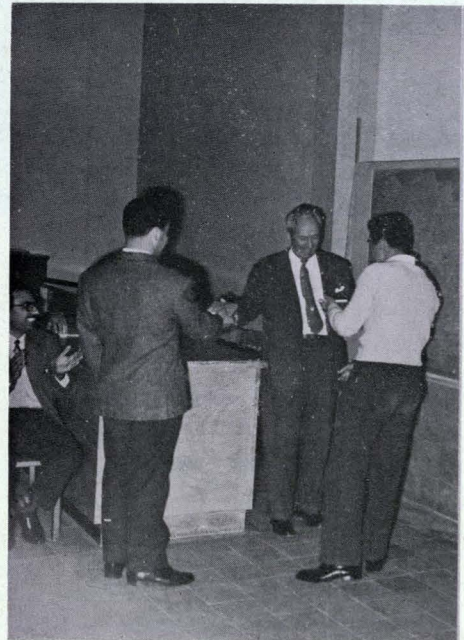
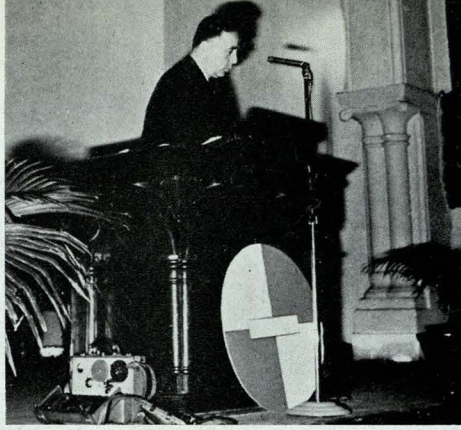


Two highlights in the cultural activity of this year were the ESS-sponsored poetry recitations given in the Chapel by two of the most distinguished of contemporary Arab poets, **Omar Abu-Risheh** and **Said Akl**. Abu-Risheh, who is at present ambassador of U.A.R. in New Delhi, gave his recitation while spending a short vacation in the Lebanon last fall. It was a grand opening of the cultural season.

Said Akl was, at long last, trapped by the anxious engineering students. They, with hundreds of other poetry lovers listened to him in mid-April for a full sixty minute performance of superb quality.

In both events, Chapel seats seemed too few for the unusually large crowds that poured in. The Engineering ushering team of twenty strong had a hard time accommodating the audience and many had to stand along Chapel aisles. Before the recitations in Chapel, receptions were held in the School of Engineering.





The oratory contest this year was all-Shakespearian. Competitors demonstrated their eloquence before their colleagues and Professors in one of the Wednesday assemblies in the Eng'g Lecture Hall. The judges were : Prof. Sloane, Prof. Hanania and Mr. Searle. Khaled Abdunnur (last year's winner) and Nadeem Musa both deserved first place and were given prizes by Dean Weidner.

## لاجيء

تائه ينقل الخطى نحو لا شيء، ويمضي في دربه المهجور  
ناحل الجسم شاحب مثقل المتكب تعروه رعشة المقرور  
وعلى وجهه خطوط هموم حفرتها فيه يد المقذور . . .

تائه والضياء يملأ دنياه فيقضي عينيه لمع النور . .  
نعول الريح حوله، ويصبح اليوم، والرعد صახب بالزئير  
وهو لادٍ عنها، وعن موكب النور المولي وذيله المجرور  
نظرة مدها الى الافق الاغبر احيت فيه دفن الشهور  
وعلا في فؤاده هائف اسود يقسو على الفؤاد الكسير  
« انا ماذا انا؟ » هتاف كسوط الموت في وقعه، رهيب الهدير  
وكست وجهه سحابة يأس حجبها عواصف المقذور  
فجنى رأسه وهمهم والدمعة تجري من جفنه المقهور  
« انا لا شيء غير ذكري كحلهم انغزى بها لانسي مصيري . .

« كان لي في ربوع يافا جنان عذبة الماء يانعات الزهور  
ترقص الريح فوقها ويميل العشب فيها على غناء العدير  
وليال بيضاء والشمل مجموع وايماننا اندفاق سرور

« كم مشينا والطير غاف على الاغصان والليل في المزيج الاخير  
وحدونا الفجر الندي وسرنا في يتابع نوره المسجور  
ورجعنا مع الغروب نشاوي تهادي لرقزقات الطيور . .

« ولكم عبأ الهواء شراعاً ايضاً كالفهام طلق المسير  
فاتقى مسرعاً يشق عباب الموج كالسهم في حنايا الاثير  
ثم لما طوى المسافات حتى غاب عن مقلة الرقيب البصير  
كذف الركب بالشباك، وعادوا لذرارجم بصيد ونير

« سنوات عشر مضت ثم هذى سنة تسرع الخطى في المرور  
ونسيناك يا فلسطين، والايام تنسي الفتى عظام الامور  
ونسيناك يا جباه الروابي السمر يا ملعب المني والسرور  
ونسيناك، والحياة زحام وشجار على الحسيس الحقيير

.. وتلفت في مسيري، فادركت - حزينا - اني ضللت مسيري  
كيف انساك يا بلادي وفي قلبي حنين اليك يدمي شعوري  
كيف انسى ارضاً سفتنا . . وروينا ثراها من الدم المهذور  
وكسوننا جبالها بالضحايا وزرعنا وهادعها بالقبور؟  
انا، ماذا انا سوى قيس من ارض يافا وبجرها المشور  
انا، ماذا انا سوى ذكريات انغزى بها لانسي مصيري  
اسخري يا دهور . . لن يستمر البعد اني ادري بامر الدهور . .

وقف الشيخ خاشعاً، وبينيه شمع من الرجاء الكبير  
ثم ألقى بنظرة ملؤها الشأر الى ربه السليب الأسير  
ومضى مثقل الخطى يقرع الارض ويمضي في دربه المهجور . .

هاتم غنيم

The usual Arabic Poetry Writing competition was held and Hatem Ghuneim (Eng'g V) winner of last year's competition, came out first again. The judges were Dr. J. Jabbur, Head of the Arabic Department, A.U.B., Prof. Thurayya Malhas of the Arabic Department, B.C.W., and Mr. Albert Adeeb, Proprietor and editor of the widespread literary magazine Al-Adeeb. The poem was published in Al-Adeeb.

Hatem Ghuneim, Engineering 'bard' receives prize from Dean C. Ken Weidner.



## ESS GENERAL KNOWLEDGE SUBCOMMITTEE

STANDING FROM LEFT

Stelio Scamanga, Adnan Ghantus, Alfred Rizk,  
Behij Bawarshi, Issa Kassis.

SEATED FROM LEFT

Edward Akkawi, Prof. Jack Hanania (Faculty Advisor)

As is the tradition in the Engineering School, the general knowledge contests were held at the beginning of the second term, except that this time the quiz-masters were outsiders. Mr. Kent, Miss Melikian and Prof. Fakhry conducted the three rounds. From the start, the first years took the lead and kept it until the last question of the final round when the fifth years came from behind to win the contest with a one-point difference. The standing of the classes is as follows: class of 1959, class of 1962, class of 1960, class of 1961.

The 2nd major event was the W.S.O. interscholastic G.K.C. which ended with the Engineering team as the champion for the 2nd consecutive year. The Engineering team made up of Diran Srabian, Farid Makdisi, Emile Haddad, and Edward Akkawi, proved to be the toughest team by beating the A & S and the Medics in all of the contests.



An Arabic Cultural Knowledge contest was a third major event. It was a full-house evening, and the First years came out as winners. The Fifth years were runners up.





## MUSIC

This year in the field of music, both popular and classical there was only a 20 minute concert (Por pouri) and a few engagements of the E.S.S. band. The E.S.S. band has been playing for the last five years, during which time they have enlivened many a party and contributed to the success of others.



Sponsored by W. (for woman) S.O.

## ESS CHESS SUBCOMMITTEE

### SEATED FROM LEFT

Najib Kawar, Prof. G. Abi Rachid - Faculty advisor, Samir Hamzeh.

### STANDING FROM LEFT

Alfred Rizk, Issa Kassis, Edward Akkawi.

### IN ABSENTIA

Farhad Irani, Nadim Zakhariyya.

## CHESS

Chess is a very popular indoor game among the students. The second year students are instructed by a student group how to play better chess. Our boys participated in the A.U.B. Chess tournament and the annual Engineering Chess tournament was held successfully. Competition was keen; first prize went to Sim'an Hikmat, 2nd prize to Yervant Tcheurekdjian.

## CONTRACT BRIDGE

This year a keen interest in Bridge developed among the students. Credit goes to Farid Maktisi for teaching the game and organizing two tournaments (duplicate) one among Fifth and Fourth year students; a second between the Faculty and students. The winners among the students were:-

N — S : F. Munla and M. Khuri with 49 matchpoints.

E — W : M. Diyab and H. Boyadjian with 48 matchpoints.

The Faculty team should be congratulated for having beaten the students.





Getting ready.

# VERNE,

The E.S.S. Target Show, as far as the audience is concerned, amounts to two hours of entertainment. But to those who work to make the show a success it is much more than that.

The show starts taking shape within the brains of the show committee members. With the help of the Faculty advisors a central theme is agreed upon, and then the work is subdivided among the script writers. This process covers the period from the beginning of the year to only one week short of the show, when the actors are selected and rehearsals start. The script is mutilated, torn away here and there and patched as often. It is no surprise seeing script writers putting the final (?) touches on the eve of the show.

To bring the show live on the stage demands leadership, cooperation, responsibility, efficiency, indeed most of the qualities that an engineer should have. While actors are rehearsing, others are working on the gadgets, some others practising the traditional "Can-Can", while still others fixing the electric installations, painting the backdrops, etc. etc. etc... Should the link be broken anywhere in the crew, the show comes to a standstill.



Sing boy . . .

Sing

## THE BOYS BEHIND THE SCENES

### 1st ROW SEATED FROM LEFT

Edward Bakjejian  
Homer Saleh  
Hratch Etyemezian  
Haralambos Harris

### 2nd ROW SEATED FROM LEFT

Mr. T. Searl, Faculty Advisor  
Awni as Sakit, Secretary  
Setrak Balian  
George Mandossian  
Samir Hamzeh

### 3rd ROW STANDING FROM LEFT

Abdullah Ghusn  
Nadim Mussa  
Krikor Baytarian  
Shafik Abi Saïd  
Farhad Irani  
Adel Hamiyé

### IN ABSENTIA

Prof. S. Deeb, Faculty Advisor  
Munir Khoury  
Zuhair Bulos  
Samir Abu Hamzeh  
Bishara Jahshan  
Awni Masri  
Zahi Haddad  
Amal Jabir  
Jafar Tukan, Chairman  
Hagop Boyadjian  
Fuad Munla





Enter Fogg —

Next on the program — Body Building Contest.

Getting to know him.

# T O D D & E . S . S .

The E.S.S. Target Show is thus to the shool much more than just a show. It takes a lot of work on the part of many students, faculty members and their wives, and shop technicians to produce it.

The theme of the show was disclosed early in the first act, when Sir Phylas Fogg (Sadik Hanna, Eng'g V) proposed a toast to Jule Verne. "What did he do?" asked his companion PPT (short for PassPartout), played by Zuhayr Bulus, Eng'g V. "He wrote it" answered Fogg. "A toast to Mike Todd," shouted PPT in his turn. Asked why, PPT replied "He filmed it". Fogg took over, "A toast to Weidner." PPT — "What did He do?" Fogg — "He did it."

This year very ingeniously the traditional Can-Can was incorporated in the first act, which took place in the Moulin Rouge. In the second act, Fogg and PPT found themselves in the Green Field during the 65th Fieldday. Fogg — "Is that tower inclined". PPT — "No". Fogg — "Then we are not in Pisa". But it was not long before they found company. While touring the Campus, the President and the Executive Committee of the Board of Trustees came across them. "What class are you?" asked the President. "Why, upper class of course," came Fogg's spontaneous answer. Later he found himself acting as judge in the Body Building and the Shaving Contests and eventually a member of the Board of Trustees.

The third act opened in a Western saloon. The last sheriff being killed by Tom Dooley, Fogg was appointed Sheriff. How? Well, he had five aces in a poker game, as against four with Ed, the gambler. "As Sherrif I administer justice; you as deputy do the dirty work", Fogg told PPT, as they disputed over who was to arrest Dooley in a duel and the scene ended with the song "Tom Dooley".

The fourth and last act was in the heart of Africa, where Fogg enjoyed what he thought to be "a bath before tea" when all the while he was being cooked for a nice meal by the cannibals.

In between the acts the E.S.S. band and crooners Jafar Tukan and Nadim Mussa entertained the audience with popular tunes.

The fact that West Hall was packed for two nights is an indication of the high standard of our shows, and the credit goes, of course, to each student whether onstage or backstage who contributed to the success of the show. Our thanks also go the Mrs. Searle (who spent days on end making the tiger) and Mrs. Weidner for their invaluable suggestions. Faculty Advisors, Mr. Terrance Searle and Prof. Sulayman Deeb should be congratulated heartily for their concrete help and advice during the production of the show.

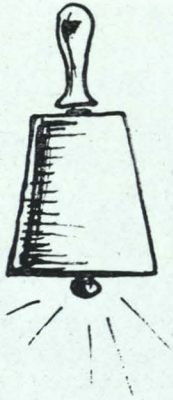
Crazy man, crazy.

A bath before tea.

Duel in the West !



# ATHLETICS



## ATHLETIC COMMITTEE

### SEATED FROM LEFT

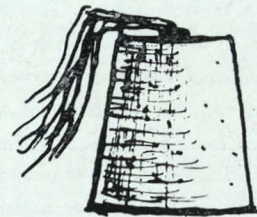
Etyemezian, Hratch, Secretary  
Hazbun, Albert  
Mr. A. Bitar, Basket and Volley  
Advisor  
Mr. A. Kuran, Faculty Advisor  
Abu Jabir, Haydar, Chairman  
Jahshan, Samir

### STANDING FROM LEFT

Muri', Munir  
Yejes, Antoine  
Kuran, Edward  
Rihani, Fuad  
Makdisi, Farid  
Hamzeh, Shukri

### IN ABSENTIA

Mr. C. Inglessis, Football and  
Softball Coach  
Abu-Nasr, Adel  
Hadjian, Assadour



The Athletic Committee is made up of the captains and managers of the different teams and the Faculty advisors. The committee directs policy, administers and controls all interclass and interschool athletics and acts as a liaison between the Athletic Department and the student body.

This year too under the enthusiastic guidance of our advisors and invaluable experience of our coaches we came off with the Football and Basketball Autumn and Spring Championships. The football team earned the title of "The Invincibles," having won all matches played against chief contender Arts and Sciences and outside teams. They are popularly known as "Never-say-die" engineers. The record of the Basketball team is also as bright. They lost only one match against Homentmen with a very slight margin.

This year was a disappointing one for the Volleyball team. The team started with high hopes of University Championship, but somehow could never pull itself together.

Success attended our Swimming and Rowing team as well as the Tug of-war. The latter had a real easy time pulling the A & S team. And as for the Autumn track and Field meet (Olympic Style), considering the relative number of participants five "Gold Medals" against six for the A & S should be considered a victory. The results of the Annual Field-day were as follows: A & S 152.5 points, Engineering 134.5 and Medicine 19 points. It was a heated contest and our boys put up a good show against odds. Samir Jahshan set a new University Record in the 200 meters Low Hurdles — 27.1 sec. His previous — 27.3 sec (1958).



**BASKETBALL TEAM**

*FIRST ROW FROM LEFT*  
 Edward Bakjejian, Captain  
 Garabed Sadikian  
 Andre Masabki

*SECOND ROW FROM LEFT*  
 Eskandar Azimi  
 Saba Karaman  
 Mustafa Barazi  
 Ziad Ghandour  
 George Mandossian

*IN ABSENTIA*  
 Ihsan Kanj  
 Ghazi Muammar



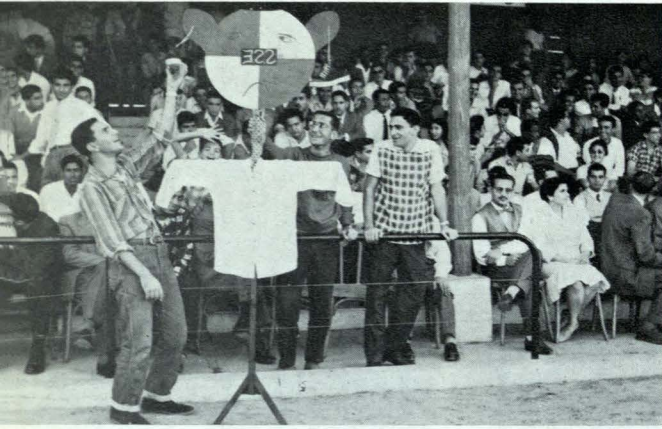
**VOLLEYBALL TEAM**

*FROM LEFT*  
 Assadour Hadjian  
 Ismat Taymani  
 Mustafa Barazi  
 Munir Muri  
 Sabah Abi-Hanna  
 Ihsan Kanj

*IN ABSENTIA*  
 Ghazi Muammar  
 Iskandar Azimi  
 Ahmad Ghassan



# THE INVINCIBLES



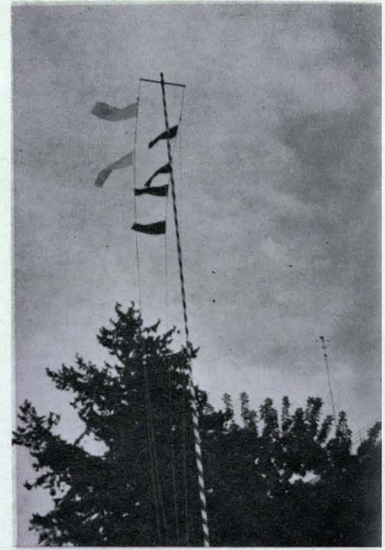
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AFTER

## FOOTBALL TEAM

FIRST ROW FROM LEFT

Nail Malhas  
Haidar Abu Jabir  
Masaad Zakkak  
Zohrab Mardirossian  
Yervant Tcheurekdjian

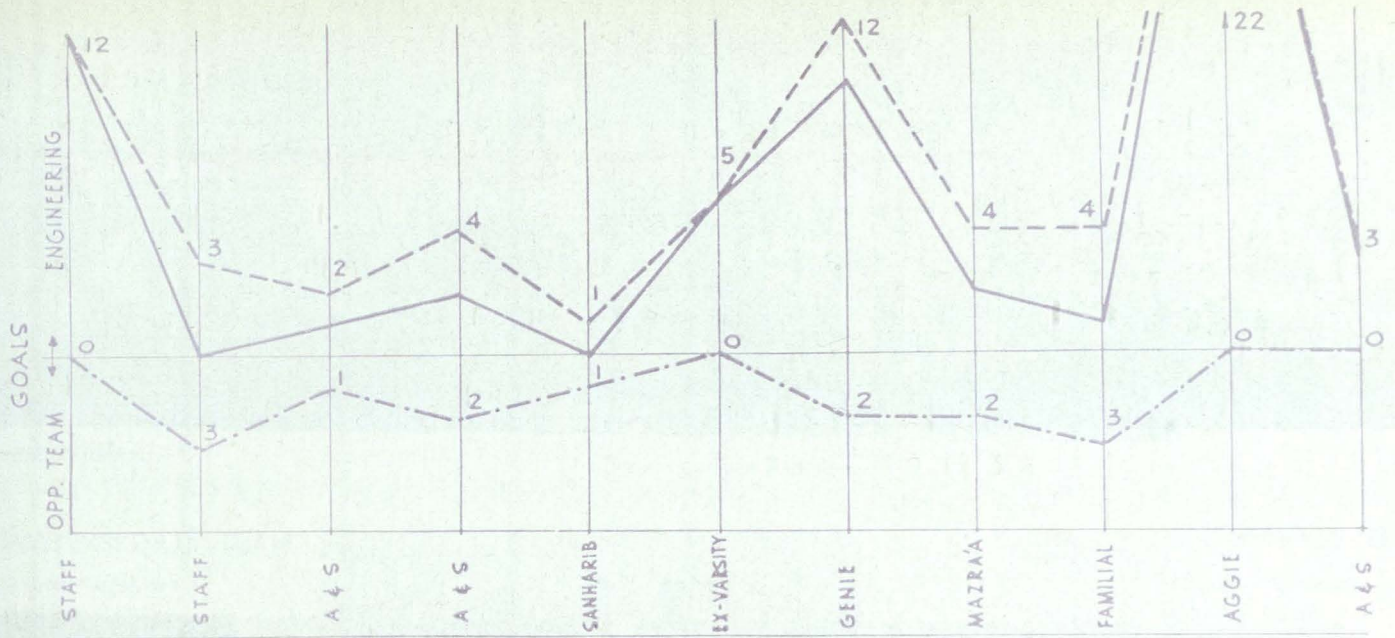
SECOND ROW FROM LEFT

Mr. C. Inglessis — Coach  
John Tourian  
Bahjat Hajj  
Adel Yagan  
Fuad Rihani — Captain  
Hratch Etyemezian  
Fuad Hassoun  
Sami Alamuddin  
Shukri Hamzeh

IN ABSENTIA

Abdel-Rahim Shilbayee  
Samir Jahshan

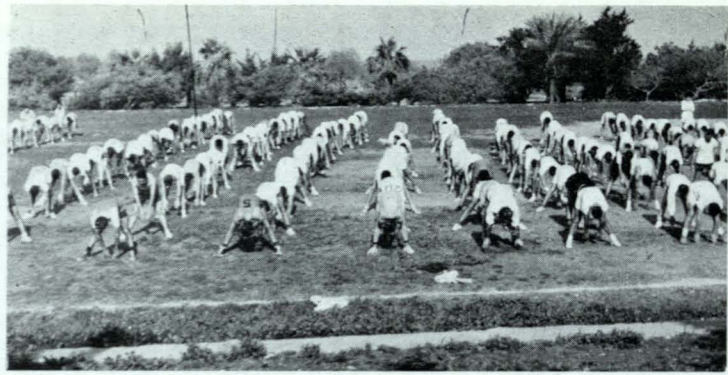






**TENNIS TEAM**

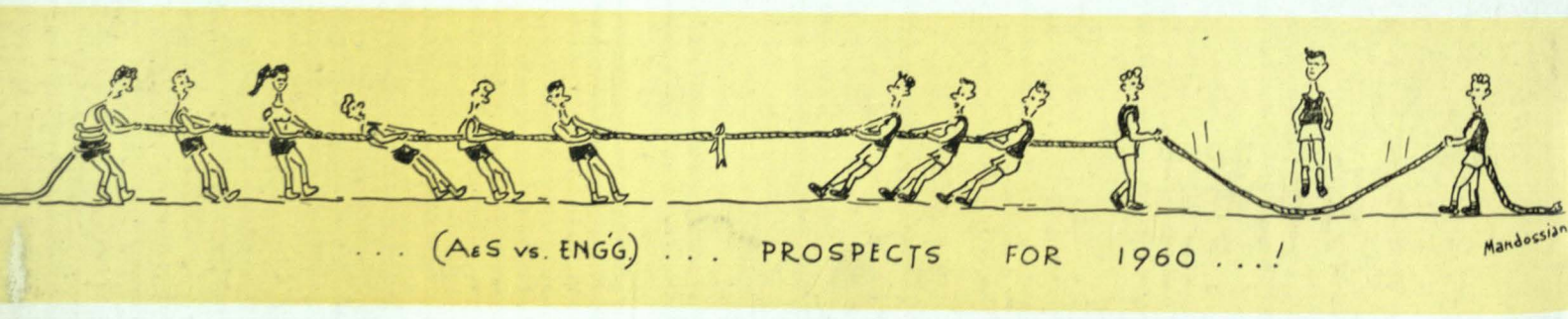
FROM LEFT  
 Sami Alamuddin (Coach)  
 Fuad Tuma  
 Ghazi Muammar  
 Farid Makdisi (Captain)  
 Fuad Rihani



**TUG OF WAR TEAM**

STANDING FROM LEFT  
 Hakam Darwazeh  
 Mahmud Ashkalan  
 Edward Kuran  
 Khalid Awar  
 Haidar Abu Jabir

SITTING FROM LEFT  
 Ma'mun Diyab  
 Hatim Ghuneim  
 Homer Saleh



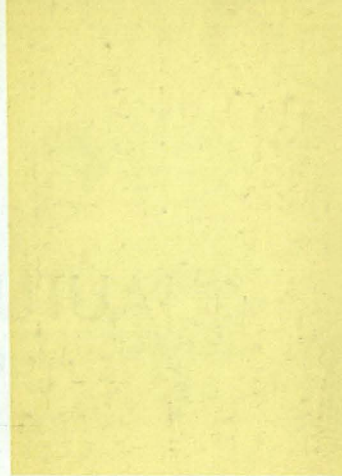




Modern Robinhoods



Not so modern Riflemen



### WATERSPORTS TEAM

KNEELING FROM LEFT

Gerasimos Criticos  
Ibrahim Shammass

STANDING FROM LEFT

Antoine Haddad  
Edward Kuran  
Adel Abu Nasr (Captain)

IN ABSENTIA

Edward Zacharia  
Krikor Baytarian  
Nicolas Bikhazi



Kuzushi

### SOFTBALL TEAM

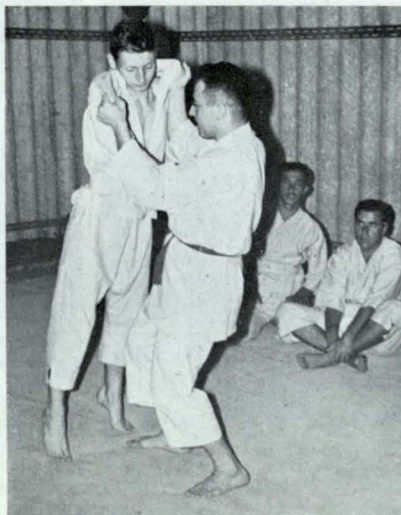
KNEELING FROM LEFT

Iskandar Azimi  
Ramzi Zeine  
Ralph Anavy  
Adnan Ghantous

STANDING FROM LEFT

Antonio Yejes (Captain)  
Samir Jahshan  
Nadim Zacharia  
Ihsan Kanj  
Ghazi Muammar  
Amal Jaber  
Mustafa Barazi

It all started this way



Kaké

And ended the gentleway

JU = gentle  
DO = way



Tsuri-Komi



# AUTUMN GAMES

olympic style



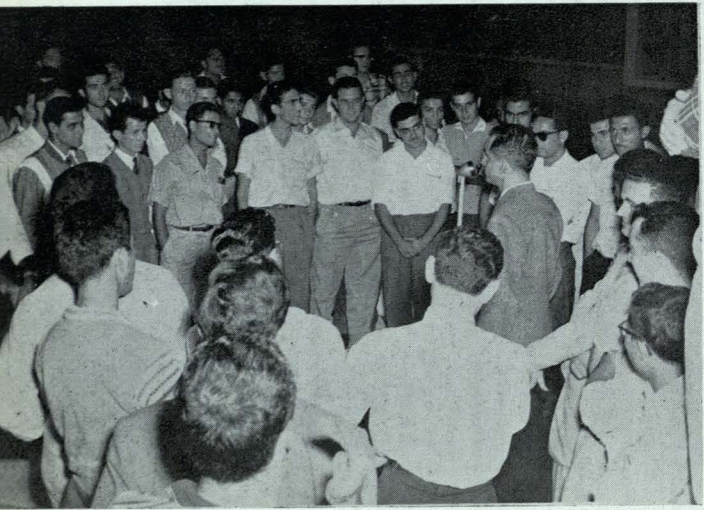
Past the finish - line



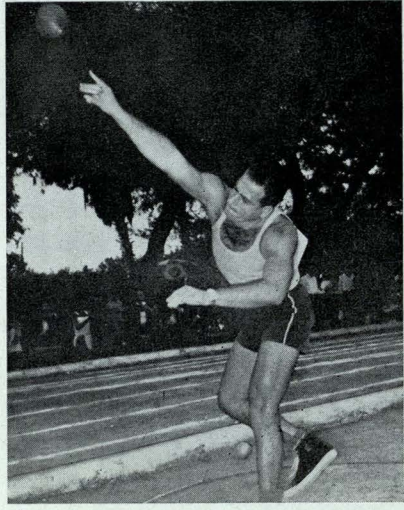
It should be interesting



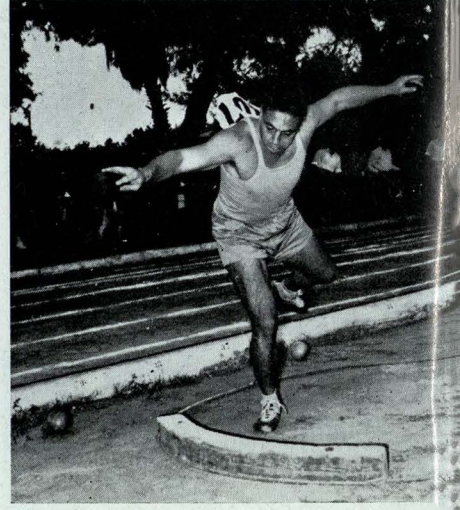
A record ! 27.3 sec. 1958. Another! 27.1 sec. 1959



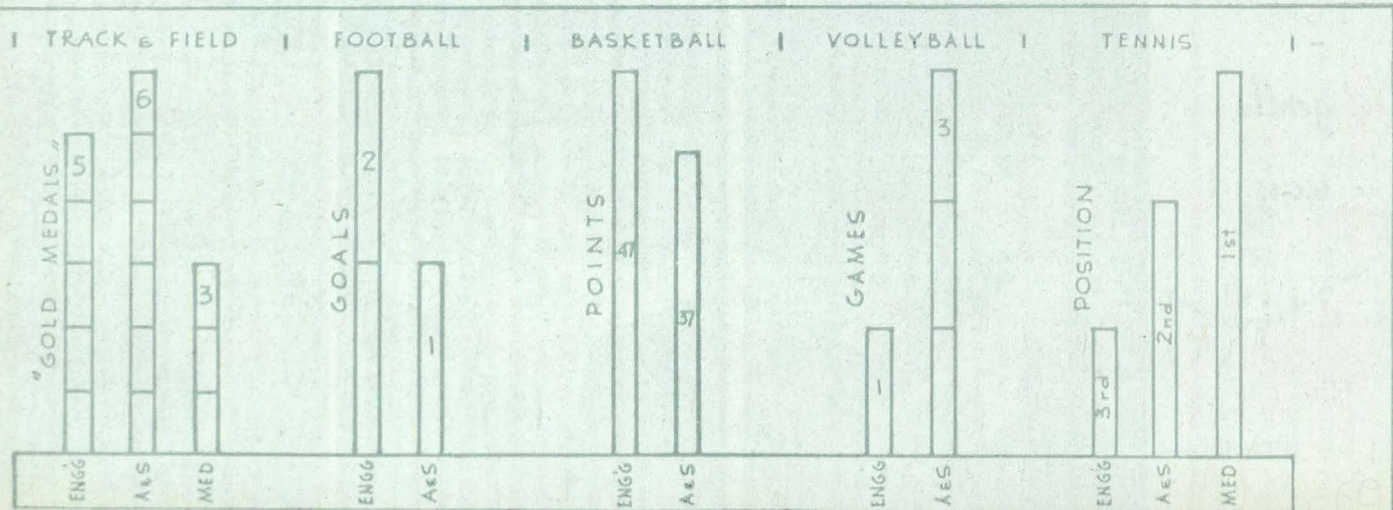
Pepping up



Step three



Step four



# 65<sup>th</sup> ANNUAL FIELD DAY

A. U. B. style



35.2 meters. Not bad, eh !



Clear !

FORTIUS

~ CITIUS

~ ALTIUS



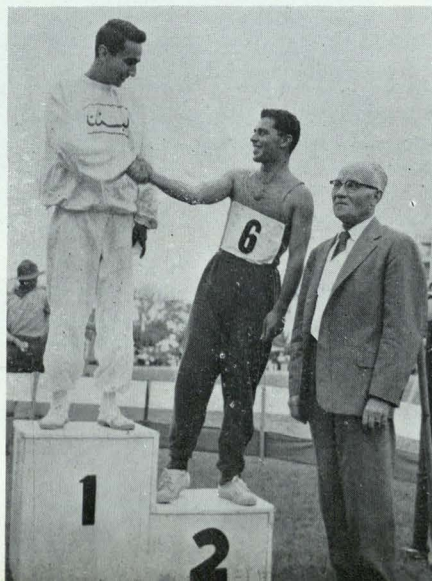
They did it again !



Nobody trailing behind !

A little more effort

That's the spirit



Wheezz and 48.70 meters.

# THE GRADUATES

## TO THE OLD TIMERS

As a sailor starting his life voyage looks back to the happy shore with a thrill of sweet memories, so does the full-fledged engineer glance at his "good old Schooldays", with overflowing delight. And as the tender kids on shore eagerly listen to the tales of the tide-riders, so do the aspiring knowledge gatherers of this school sharpen their ears to every bit of information or advice that comes from you who have already left it and are now on your own in the professional arena.

The graduate section is only a few years old. Nevertheless it has grown to a major part of the Yearbook and is now steadily improving with every successive issue. It gives a brief and rich piece of information about every engineer who has graduated one, two, three or ten years before the publication of the current issue. This plan was adopted due to the limited space which cannot simultaneously take up all those who graduated from this school.

This section provides an excellent means of conveying to the young generations the different kinds of experience you had in school or in life, the various opportunities afforded for engineers in your area, and the advice you would give for a better professional standing. It helps you to learn about your classmates and colleagues scattered around the earth, their jobs, their environment and their future plans. It is your own section, as we have been traditionally describing it, and we will be thrilled to see you fill it with your news and suggestions.

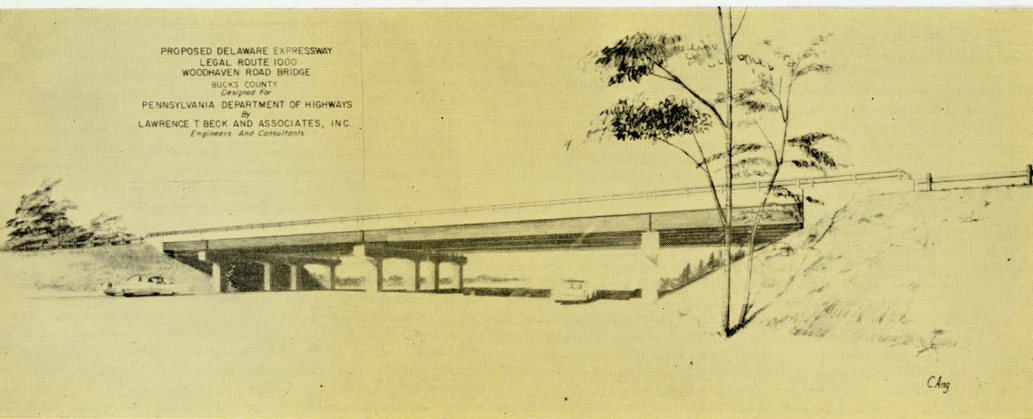
Following, are the tales of the mariners to their younger brothers; fervently do we hope that these pages will, in the years to come, grow and more intimately serve their purposes of "Learning from yesterday to prepare today for a better tomorrow."



"Elevators? ... What elevators?"

## CLASS OF '49

**Yervant Terzian.** Yervant graduated from A.U.B. in 1949. Since his graduation, Yervant has held a lot of interesting jobs and gained a great deal of experience. First he was supervising engineer of A.U.B. Buildings and Grounds, then he went to the U.S. where he got his M.S. in C.E. from the University of Pennsylvania. There he did some research work on Photo-reflective Stress Analysis. Later he became a senior designer with Modjeski & Masters, Field Engineer with M.W. Kellogg Co. Now he is an associate in the main office of Lawrence T. Beck & ASS. Inc. in Phila. Penn. Incidentally, Fuad Nuwaysir '56 is one of his "new boys" in the design section. Yervant loves his work, he works from 50-65 hrs. a week. He says that it is amusing how much work an Engineer can do in 8 hrs. With his wife, Helen Terzian, he enjoys a joyous and active life. Last time he was in Beirut was in 1957. He hopes to come again soon, maybe on business. Yervant's sincere advice to young Engineers is "Please learn drafting." Address: Lawrence T. Beck and Associates, Inc. Alison Building Rittenhouse Square Philadelphia 3, Pa. U.S.A.



## CLASS OF '56

**Fuad Abu-Nasr.** Here is an example of the graduates of our school who preferred to stay around. Being Beirut, Fuad's earnest wish is to become a contractor in his hometown. He is now working with George Dabbas, a first-class contractor.

Fuad's achievement are still displayed for our observation whenever we go for a driver to the air-port. He took over the construction of Khald-Ouzai and Shayyah-Ghubairi boulevards! The most interesting item in Fuad's letter is the description of his job. "It is very interesting, tiresome, dirty, producing of experience & paying", says Fuad. The belief is growing that dirty and tiresome things are interesting; or should I say it is because the job "is paying". Address: Rue Artois, Ras Beirut, Beirut, Lebanon.

**Elias Abu Saba.** After having worked as a Construction Engineer with the CAT Co., Elias went to the States for graduate study. He is doing this at the Virginia Polytechnic Institute which included so far the analysis of interconnected Bridge Girders by different methods. Besides this academic work, Elias is quite involved in the social activities of the area. He traditionally describes his school days A.U.B. as the "Good Old Ones".

As to the student Engineers, he says:

After graduation life will be very joyful if it is well understood; and that with a grain of patience he has seen tons of troubles shot down. Elias plans to continue his studies then fly back home to catch up with the married caravan. Address: Boy 2524, Virginia Polytechnic Institute Blacksburg, Virginia U.S.A.

**nadim boulos.** After two years of experience, Nadim left for the States to continue his professional education at Columbia University in New York City. His main concern is the study of shells and hung roofs, supplimented by some courses in Architectural design and advanced contemporary structures. Commenting on his work, Nadim says "The more you learn, the more you realise how little you know," a traditional scientific attitude.

As to his present environment, Nadim complains about two things, lack of leisure and the cold weather with a temperature of as low as 14° C below zero. Yet these difficulties are more or less compensated for by the many facilities and accomodation of the "Brave New World".

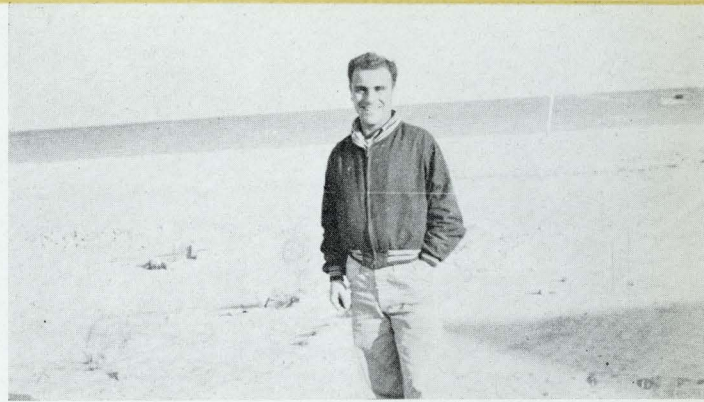
Nadim still recalls "every small bit of those lovely days of school time."

Address: 384 W 109, New-York 25, N.Y. U.S.A.

**munir bulus.** Munir made quite a successful and prosperous visit to the States after graduation. He worked for his Master's Degree and had it in 1957, specializing in Soil Mechanics and Transportation. Not only this did he do in the States but also worked on the design of expressways and bridges in Chicago. Still full of ambition Munir is hoping to go to the States for his Doctor's Degree in Structures.

At present, Munir is working with Getty Oil Co. as a construction engineer. It seems he is a little burdened with responsibilities, because he is the only civil engineer there. Being in the midst of the desert the activities are restricted to what available. These consist mainly of playing Bridge, going to movies and having parties, at times, though lacking the other sex. In advising us Munir says "Never be a fraid to go anyplace to work. It it easy for graduates to go to the states for future study".

Address: Getty Oil, Co. Saudi Arabian Division, P.O. Box 187, Kuwait, Arabian Gulf.



**emile e. fares.** Emile is a construction Engineer with the Tapline Co. in Saudi Arabi, where he is responsible for the pumping station at Turaif. Previously he worked with the Reconstruction Office in Lebanon, where he took an active part in the design of the Beirut-Damas highway. Emile finds Saudi Arabia a fertile land for engineers where large projects are being carried out. His spare time is used in reading, attending movies, playing bridge and tennis. He plans to visit Europe in the future, or the States for further training and study.

Address: Furn-el-Chebbak, Beirut, Rue Medawar, Beirut, Lebanon.

**hagop kitabjian.** Hagop is an architect working in Philadelphia, Pa. in charge of designing a 200 bed hospital to be built in Chicago. He got his Master's Degree in Architecture from the School of Fine Arts in the University of Pennsylvania.

Though his career occupies most of his time with hard work, Hagop manages no act as head of the Armenian School in Philadelphia and be a part time teacher of Ball room and Latin American Dancing. He is also a member of the YMCA, the ACYOA and other Educational and Athletic Organizations.

Hagop says that "The student will be surprised to find out that courses he considered unnecessary will be of help to him someday in the future."

Address: 6031 Locast Street, Philadelphia, Pa., U.S.A.

**fuad nuwaysir.** Fuad has been in America since 1956. He got his Mastea's Degree in Structures from Lehigh University in Bethlehem, Pa. In the mean-time he did some research work on the fatigue of prestressed concrete at the same University. Right now he is working as a Structural Engineer engaged in the design of bridges on the Delaware Expressway in Philadelphia, Pa.

"My work is extremely interesting", says Fuad, "I like it."

Fuad's hobby is travelling. He has just completed an extensive tour in the U.S.A.

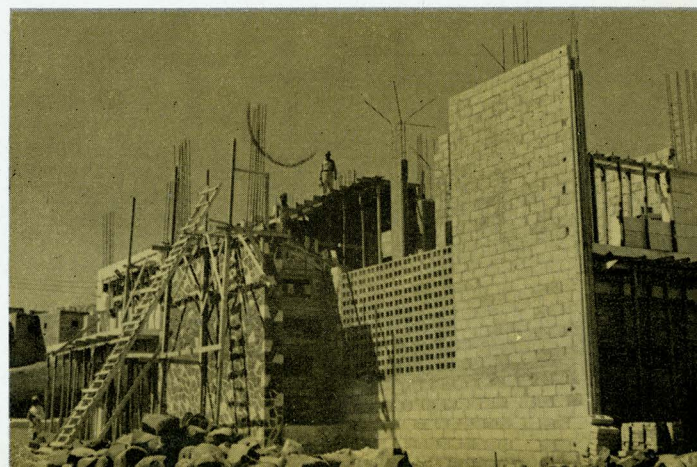
For the present, Fuad intends to stay in the U.S. and gain as much experience and knowledge as he can. For the future, his plans are still undetermined

Address: 304 and 23rd. Street. Philadelphia, 3, P.a. USA.



**marcel sawaya.** Marcel is working as a private Architecte in Beirut. Previously he worked with the office Des Grands Travaux in Beirut. Of projects designed by him, Marcel names the new school of the Arts et Metiers, an office building in Beirut and a villa in Hamma, Syria. Some of his recollections from school days are "Dr. Nassr's most beneficial classes, Prof. Yeramian's Funny Faces, Prof. Ghosn' long but interesting lectures and last to mention but not least the show business and its implications"

Address: P.O.Box 3967, Beirut, Lebanon.





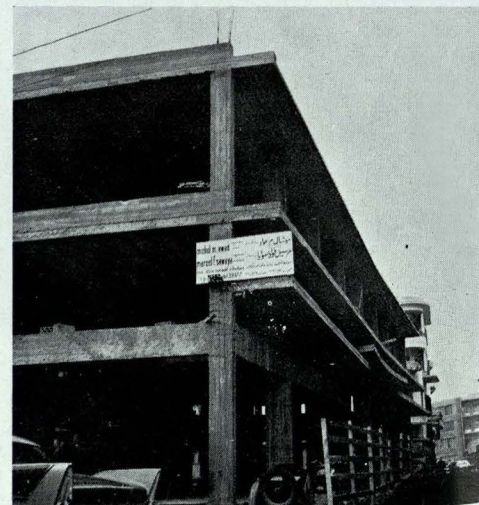
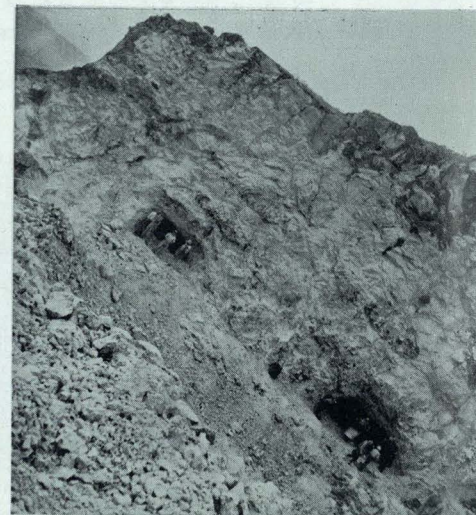
"Let's see now — What was the Question again?"

## CLASS OF '57

**mustafa abdul-rahim.** Previously a planning engineer in the Mercedes Factories in Germany Mustafa seems now to enjoy more his work in the furniture factory which he owns with his brothers in Hadeth. As a Mechanical Engineer he thinks that a young ambitious engineer can have a good experience in planning and machine working. He comes from Palestine and is still single. He hopes he will get his Jill sosn. Address : Rue Bliss 256, Ras Beirut, Beirut, Lebanon.

**samir abu rahmeh.** Samir seems to have stayed pretty close to the environment of his school day. He is only half a mile from A.U.B. in Beirut working with the "Associated Consulting Engineers" as a Mechanical Engineer. One of the most important jobs this company has undertaken has been the construction of a Power Station in Kuwait. It is a 600-Kw Steam Generator and is expected to take four years. Samir is proud of adding, (and we are delighted to hear) that the company he works for is one of the very few, if not the only, national one. It is doing large consulting Engineering works of high quality. Samir will be leaving next year for Kuwait to supervize the construction there. He fervently hopes that all of us, while still on the shores of life, will work very hard as there's a hard future awaiting the new graduates — a future of building-up and progress in our Arab countries — a task not so easy to perform. Address : Associated Consulting Engineers, Abdul Aziz Street. Ras Beirut, Beirut, Lebanon.

**michel awad.** A mexican by birth, Michel is supervising engineer of the Beirut-Tripoli Auto Strade. Working with him is Marcel Sawaya '56. One of the most important jobs he took is the structural design and execution of a seven storey office building. There are some large projects being carried out in Lebanon he says and those include a bridge over Nahr-el-Kalb and two twin tunnels 80 m. long. In his leisure time Michel's prime aim is "Cherchez la Femme" and plans in the future to make a good trip to Europe as a part of his leisure Programme. 178 Rue Mgr. Chibli, Beirut, Lebanon.



**makram doumit.** Makram was previously working with C.A.T. in Beirut and also with Rabia Temporary Electrification. He shifted then to Kuwait. It is rather a great change in the atmosphere as a whole but nevertheless engineering is the same everywhere.

Talking about Kuwait, Makram put his opinions in a nutshell. "It is a raw, rich and progressive country". Still a bachelor, Makram hopes one day he will cease to be free. His free time is spared for social activities, if any, besides reading and attending movies.

An indirect word of praise to the Yearbook Committee is manifested in Makram's letter. He confesses that it is quite a hard and tough job to produce such a fine Yearbook yearly. Makram speaks from experience, he had been manager of this section in his old days at school. Makram's earnest advice to his friends goes like this "Learn how to apply and fit your theory into practice". Thank you Makram, but is it possible before we start to work? Address: c/o A.C.E., P.O.B. 1938, Kuwait.



**basil hakki.** Studying for his doctorate at the University of Illinois, U.S.A., Basil is boldly making research on wave propagation in nonlinear media. From this he hopes to develop one way of generating submillimeter waves by harmonic generation. "The work is very interesting and difficult", he says. This is quite expected for research in such a completely virginal territory. The swimming place and the good old "Funny Faces" still flash in Basil's memory to give him a little thrill from time to time.

Basil plans to do a good job on his thesis and go back home to serve his two years in U.A.R.'s  
Address: First Army Electrical Engineering Research Laboratory, University of Illinois, Urbana, Illinois, U.S.A.

**ghassan khabbaz.** Well established at M.I.T., Ghassan is making his way in the domain of creativity and advanced scientific theories. He is Research Assistant in the Gas Turbine Lab. at MIT. One of his jobs was a stress analysis. He is at present studying the effect of tip clearance of a cascade of compressor blades on stalling.

His work is very interesting and challenging, sometimes humiliating when everything seems to go wrong, but that is research anyway.

Yet with it all, Ghassan can find times for fun. He skates, skii's, swims and reads, listens to classical music and attends theaters.

He hopes to keep working at MIT and pursuing his studies toward D.Sc, after which he will have a trip in the Americas, then back to the East. Address: 338 Marlborough St., Boston 15, Mass. U.S.A.

**fuad sallum.** Fuad is now performing his military service. Being a Civil Engineer Fuad says that "the best job is to work as a contractor and that he worked as a contractor before his military service". Fuad is still as humorous as when he was among us.

The most important jobs he took over were designing a small church and some apartment houses. Fuad enumerates many huge projects in his area some of which are Rastan Dam (68 m. high, between Homs & Hamah), the Petroleum refinery and Cement Factory.

Fuad recalls the Tarbush day and teasing the Arts & Science students. Anyway, he seems to be missing, more or less, the social life at A.U.B. Talking about future plans Fuad intends to visit U.S.A. "Marriage will be convenient after earning money for modern life and wife," Fuad concluded. Address: Homs, U.A.R.

**antoine suleiman.** Antoine works with Tapline in Saudi Arabia. He is engaged in building houses for employees. Emile Fares and Fadul Shwairi are with him.

"Engineering work is not too bad, even in the desert", says Antoine. He finds time for a lot of sports and activities such as Tennis, Ping Pong, Chess & Billiards. Also he reads much.

Antoine hopes to come back to Lebanon and practice the profession in this country in the near future. Address: c/o Tapline Co., Beirut, Lebanon.



## CLASS OF '58

**antoine aftimos.** Antoine who advises our "budding geniuses" to work in the Middle East did accordingly by working in Kuwait. He is now site Engineer on the execution of the K.O.E. Hospital at Ahmadi, Kuwait. Antoine finds his work very interesting especially since large projects are being carried out in his area, such as hospitals and an International Airport to be built next year. Listening to music, attending movies and visiting his colleagues keep him busy during free hours. Some of his future plans are to resume his studies, establish a private office and most vital of all a trip to Europe for recreation.

Address : c/o C.A.T. Company Ahmadi, Kuwait.

**a.m. amin bohsali.** Adventurous by nature M. Amin chose Lagos—Nigeria as a working place where he is running a private design office both architectural and structural. He seems to do well there especially that he has already done a complete architectural & structural design of a 72 room Hotel for Lagos and a design for the first covered & air-conditioned cinemas for Lagos & Ibadan.

As a means of entertainment M. Amin found swimming, exploiting the bush, movies, music and dancing as most beneficial.

Some of his future plans are a trip to Europe and America, to further his studies if possible, and to establish a design office in Beirut with branches in Lagos and the Arab Capitals.

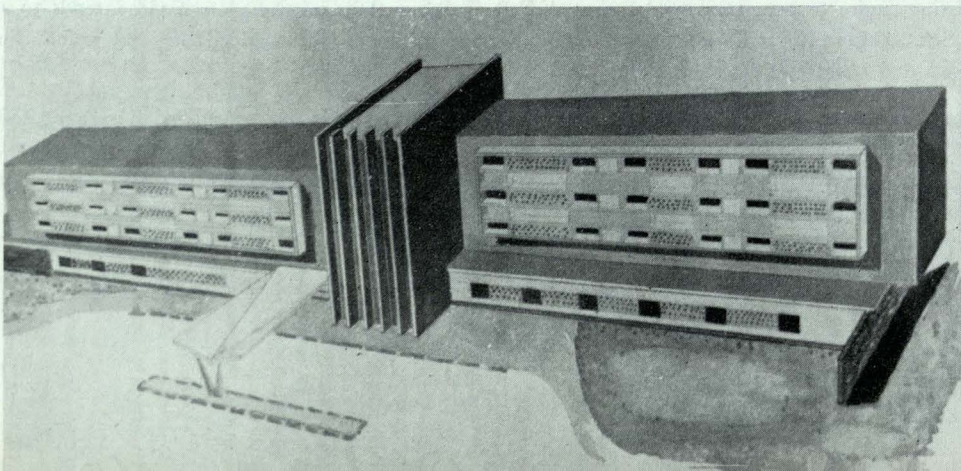
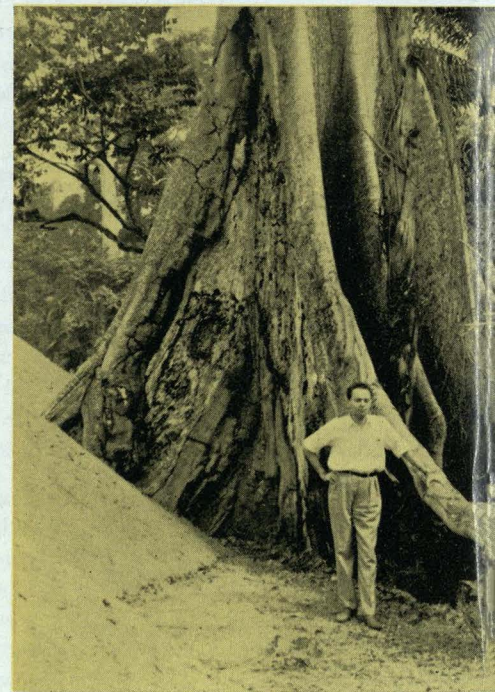
Address : P.O.Box 120, Lagos, Nigeria.

**anis gedeon.** Working in burning Lahaj with C.C.C. as a Field Engineer, Anis is in charge of a dam construction. This project, although relatively small is a pretty rich source of experience. It contains all the problems and phases of execution involved in other larger dams.

His free time is mostly spent in reading or listening to music as it is traditional in the desert regions. Anis shares his classmates and colleagues in constantly recalling Prof. Yeramian's advice and lively talks to the "Funny Faces".

As to his future plans, Anis hopes going to the States for further study at Harvard.

Address : c/o C.C.C., P.O.Box 387, Aden.





**yusuf hubaykab.** With a host of graduates including K. Musfi '56, Ali Alumudine '55, and E. Mazedjy '58, Yusuf is engaged as inspector engineer with MASCO company at the International Airport in Beirut. His work there he says is "Tiresome, interesting, and develops with the development of Modern Science and Technique."

Yusuf seems happy in his work especially that he is allowed two free plane tickets a year by his company, which seems to suit him well, since he plans to visit the greatest number of countries possible, in the world. Address : c/o MASCO, Beirut International Airport, Beirut, Lebanon.

**fawzi kawash.** Fawzi is finding valuable experience and great interest in the construction of a grain Site in Mosul. Working as a Civil Engineer there he is dealing with modern techniques of casting in huge structures.

A lot of other large scale projects are being carried out in Iraq, Fawzi says, such as bridges, highways, housing schemes, factories, harbours, etc.

The scenery in the North he describes as breath-taking and the land scape is very beautiful but the climate is tropical.

Fawzi's special memories from school are the nice days with Prof. Yeramian ; "all the school days are memories he goes on adding.

Mr. Kawash has no definite plan except working and gaining more experience. He advises Civil Engineering Students to "Pay much attention to the descriptive part of concrete which deals with properties". Address : c/o Skanka-Kettaneh, South Gate, Baghdad, Iraq.

**carol khoury.** Working as an Assistant Engineer in a contracting Co. in Iraq, Carol is having an exceptionally rich experience in Modern Methods of construction, and Civil Engineering Contracting of a very high standard. He had previously worked on the construction of a highway bridge — a reinforced Concrete and steel structure with the interesting feature of constructing the Piers with floating Caisson Shell.

The climate there is dry continental with beautiful scenery of green palm trees on the banks of the Euphrates. Carol enjoyed the river promenading in a row-boat.

His earnest advice to us was "Don't be anxious to climb the ladder very fast, it will do you good to stay some time at the bottom." Address : c/o Shanka & Kettaneh, South Gate, Baghdad, Iraq.

**bishara jamil murr.** Among a large number of our graduates in Kuwait, Bishara is working with CONCO. Maurice Salem and Berj Kalaidjian are working with the same firm.

Up to date methods of design and construction are being carried out in Kuwait, but the scenery around is plain desert. Still, Bishara can spend his free time reading, listening to music and attending movies.

Bishara has a very special memories from school days, a love affair ! He also remembers his visit to Cairo with his class especially when Ruhi Sharif tried to imitate a Monkey in the Zoo.

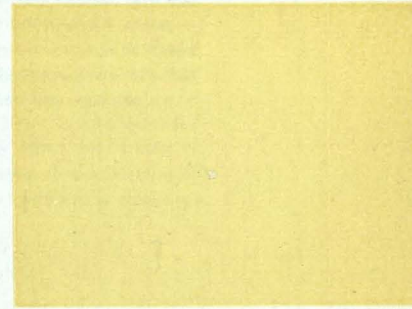
In September Bishara will leave for Cornell University for further studies. He will be accompanied by his wife who is an A. U. B. graduate. Address : Bishara Murr. CONCO — Kuwait, P.O.Box509.

**ruhi lutfi sharif.** After Graduation, Ruhi joined the Public Works Department in Amman, Jordan where he is working as a project engineer and is mainly responsible for the development of roads. For free-time filler he reads novels, attends films and joins trips. The football games with the A & S and the honour system are still ingrained in his mind and are his special memories from school days. Address : P. W. D., Road Division — Amman, Jordan, P. O. B. 1220.

**faddul shwayri.** Faddul, being an architect, works in Saudi Arabia as a Civil Engineer. It is strange enough, but fortunately the graduates of this school are prepared for many things beside their specialization. With a considerable regret Faddul, says "I am doing everything but architecture." Thus Faddul is working away from his hometown, Beirut, and also away from his field, architecture. Moreover, I think the climate is also quite different and add to that the beauty of the desert all around, I would not envy Faddul. But congratulations to Faddul for his patience and perseverance.

Known for his studiousness and activity Faddul recalls the long nights he spent in the Drafting Room and the preparations for Balls and Shows.

Surprisingly, Faddul encourages us to do field work and "not to be afraid of the Desert". Address : Faddul Shwayri (Turaif), c/o Tapline Box 1540, Beirut, Lebanon.



# CANONS OF ETHICS FOR ENGINEERS

## foreword

*Honesty, justice, and courtesy form a moral philosophy which, associated with mutual interest among men, constitutes the foundation of ethics. The engineer should recognize such a standard, not in passive observance, but as a set of dynamic principles guiding his conduct and way of life. It is his duty to practise his profession according to these Canons of Ethics.*

*As the keystone of professional conduct is integrity, the engineer will discharge his duties with fidelity to the public, his employers, and clients, and with fairness and impartiality to all. It is his duty to interest himself in public welfare, and to be ready to apply his special knowledge for the benefit of mankind. He should uphold the honor and dignity of his profession and also avoid association with any enterprise of questionable character. In his dealings with fellow engineers he should be fair and tolerant.*

## professional life

Sec. 1. *The engineer will co-operate in extending the effectiveness of the engineering profession by interchanging information and experience with other engineers and students and by contributing to the work of engineering societies, schools, and the scientific and engineering press.*

Sec. 2. *He will not advertise his work or merit in a self-laudatory manner, and he will avoid all conduct or practice likely to discredit or do injury to the dignity and honor of his profession.*

## relations with the public

Sec. 3. *The engineer will endeavor to extend public knowledge of engineering, and will discourage the spending of untrue, unfair, and exaggerated statements regarding engineering.*

Sec. 4. *He will have due regard for the safety of life and health of the public and employees who may be affected by the work for which he is responsible.*

Sec. 5. *He will express an opinion only when it is founded on adequate knowledge and honest conviction while he is serving as a witness before a court, commission or other tribunal.*

Sec. 6. *He will not issue ex parte statements, criticisms, or arguments on matters connected with public policy which are inspired or paid for by private interests, unless he indicates on whose behalf he is making the statement.*

Sec. 7. *He will refrain from expressing publicly an opinion on an engineering subject unless he is informed as to the facts relating thereto.*

## relations with clients and employers

Sec. 8. *The engineer will act in professional matters for each client or employer as a faithful agent or trustee.*

Sec. 9. *He will act with fairness and justice between his client or employer and the contractor when dealing with contracts.*

Sec. 10. *He will make his status clear to his client or employer before undertaking an engagement if he may be called upon to decide on the use of inventions, apparatus, or any other thing in which he may have a financial interest.*

Sec. 11. He will guard against conditions that are dangerous or threatening to his life, limb, or property on work for which he is responsible, or if he is not responsible, will promptly call such condition to the attention of those who are responsible.

Sec. 12. He will present clearly the consequences to be expected from deviations proposed if his engineering judgement is overruled by non-technical authority in cases where he is responsible for the technical adequacy of engineering work.

Sec. 13. He will engage, or advise his client or employer to engage, and he will co-operate with, other experts and specialists whenever the client's or employer's interests are best served by such service.

Sec. 14. He will disclose no information concerning the business affairs or technical processes of clients or employers without their consent.

Sec. 15. He will not accept compensation, financial or otherwise, from more than one interested party for the same service, or for services pertaining to the same work, without the consent of all interested parties.

Sec. 16. He will not accept commissions or allowances, directly or indirectly, from contractors or other parties dealing with his client or employer in connection with work for which he is responsible.

Sec. 17. He will not be financially interested in the bids as or of a contractor on competitive work for which he is employed as an engineer unless he has the consent of his client or employer.

Sec. 18. He will promptly disclose to his client or employer any interest in a business which may compete with or affect the business of his client or employer, He will not allow an interest in any business to affect his decision regarding engineering work for which he is employed, or which he may be called upon to perform.

## relation with engineers

Sec. 19. The engineer will endeavor to protect the engineering profession collectively and individually from misrepresentation and misunderstanding.

Sec. 20. He will take care that credit for engineering work is given to those to whom credit is properly due.

Sec. 21. He will uphold the principle of appropriate and adequate compensation for those engaged in engineering work, including those in subordinate capacities, as being in the public interest and maintaining the standards of the profession.

Sec. 22. He will endeavor to provide opportunity for the professional development and advancement of engineers in his employ.

Sec. 23. He will not directly or indirectly injure the professional reputation, prospects, or practice of another engineer. However, if he considers that an engineer is guilty of unethical, illegal or unfair practice he will present the information to the proper authority for action.

Sec. 24. He will exercise due restraint in criticizing another engineer in public, recognizing the fact that the engineering societies and the engineering press provide the proper forum for technical discussions and criticism.

Sec. 25. He will not try to supplant another engineer in a particular employment after becoming aware that definite steps have been taken toward the other's employment.

Sec. 26. He will not compete with another engineer on the basis of changes for work by underbidding; through reducing his normal fees after having been informed of the charges by the other.

Sec. 27. He will not use the advantages of a salaried position to compete unfairly with another engineer.

Sec. 28. He will not become associated in responsibility for work with engineers who do not conform to ethical practices.

(Adopted by Engineer's Council for Professional Development October 25, 1947).

## CONGRADULATIONS

*The recipient of the PENROSE AWARD this year was Fuad Rihani '59, Civil Major, for his "Scholarship, Character, Leadership, Contribution to the University".*

*Samir Jahshan '59, was elected for the second time in a row "BEST ENGINEERING ATHLETE".*



Last year, on this same page of the 1959 YEARBOOK the members of the outgoing E.S.S. Cabinet made a point of acknowledging the contribution of **Albert Hazbun** (class of 1959) to the A.U.B. OUTLOOK and also to the Engineering YEARBOOK.

Albert was the representative of Engineering on OUTLOOK last year and was elected to the Editorship for the Second Semester by his colleagues on the Board. He was at the same time the Editor of the YEARBOOK, for the second consecutive year.

This year again the E.S.S. selected Albert Hazbun to represent Engineering on OUTLOOK and this year again he was found to be the man to carry the Editorship of OUTLOOK in the Second Semester.

Albert was thus prevented from continuing his service to the 1959 YEARBOOK on which he was to act as coordinator.

A devoted member of the Engineering student community and at the same time a devoted and loyal member of the A.U.B. student community, the school of Engineering feels proud to count Albert Hazbun as one of its members. We wish him the best of luck for continued service and achievements in the future.



The Engineering Student body wishes to acknowledge its appreciation to a good friend, "**Antoine Mamari**", for his sincere devotion to the Engineering Student Society during the past three years. Mamari served consecutively as Member, Vice President and finally as President of the E.S.S. and contributed substantially to the activities of the Society. His contemporaries will remember his tall figure in two consecutive "E.S.S. TARGET SHOWS" and his contribution to the "E.S.S. 1959 AUTO SHOW".

## ACKNOWLEDGEMENTS

### **The Yearbook Committee is greatly indebted again to:**

Mrs. C. KEN WEIDNER — for her help in reading all the articles appearing in this Yearbook; as she has graciously done for all the past years.

Prof. R.S. GHOSN, Yearbook Faculty Advisor — for his guidance, advice and criticism in all the phases of this yearbook.

### **The Yearbook Editorial Section wishes to acknowledge its debt to:**

Miss Nehayat Ghorayeb, Mrs. Sania Salman and Miss Suzy Koumashian who very patiently typed all the articles of this Yearbook.

Michel Jidwan — for contributing most of the articles in the section "Engineering or Art School?"

Edward Akkawi — for the article on General Knowledge Contest.

Albert Hazbun — for the striking front-is-piece.

George Mandossian and George Khoury — for drawing most of the cartoons appearing in this book.

"Honeywell" for the reproduction of three cartoons from its 1959 calendar.

All those students who contributed photographs and cartoons.

# STUDENTS' DIRECTORY AND ADVERTISEMENTS

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E. S. S. INSURANCE COMPANY

BEIRUT, LEBANON

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This policy will remain in force until graduation of the Insured. It provides payment for all the courses failed by the Insured, and for suitable coverage on examinations quizzes and tests as hereinafter stated.

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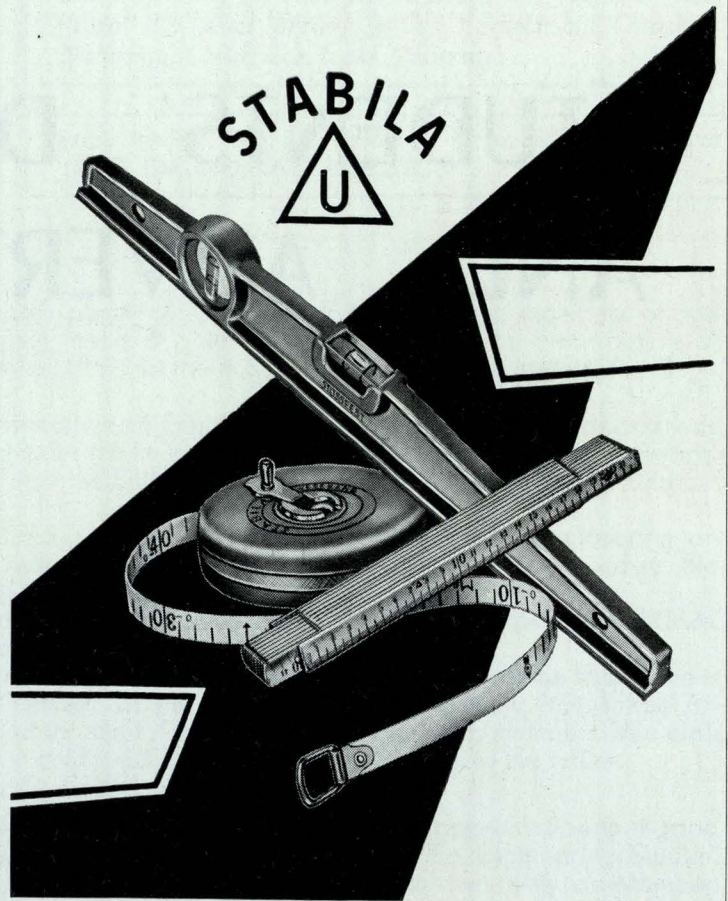
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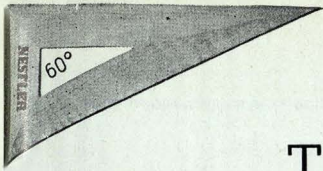


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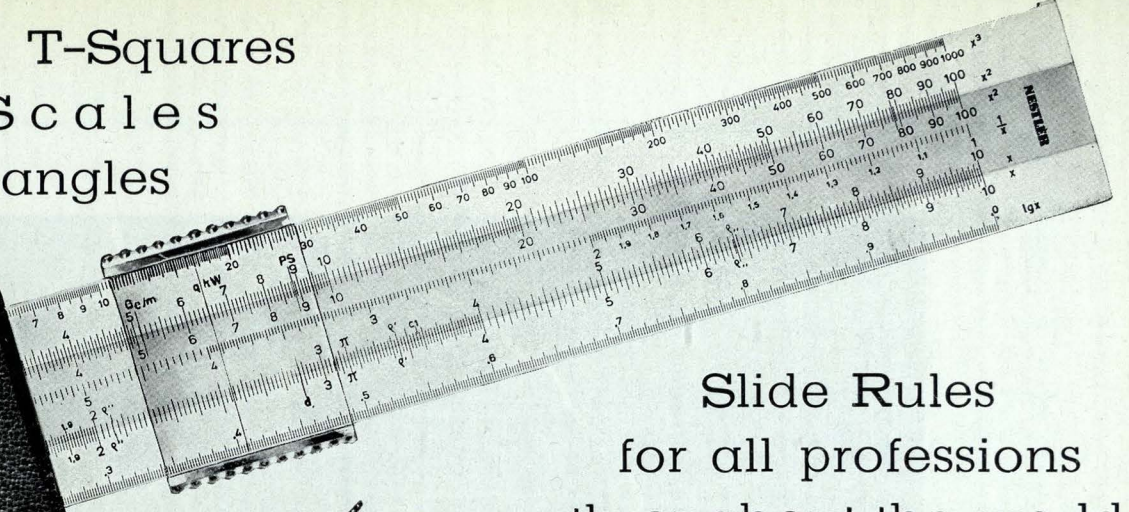
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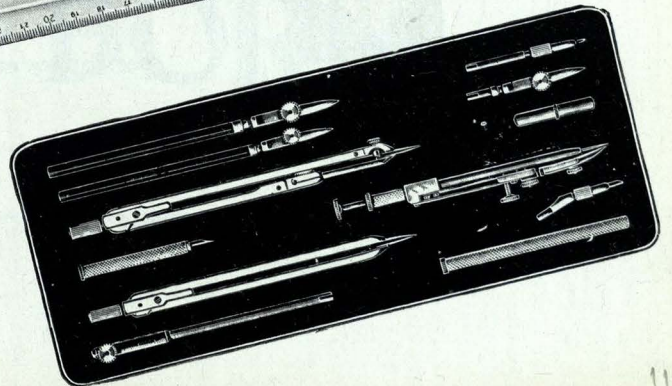
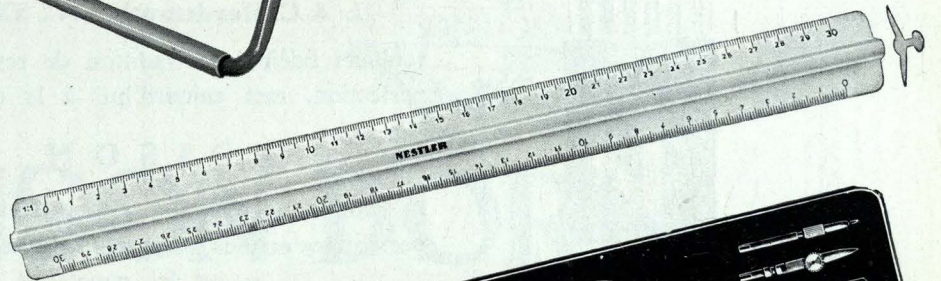


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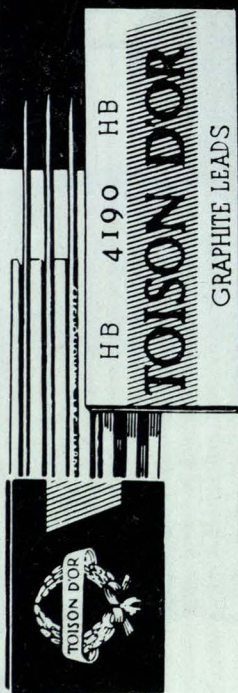
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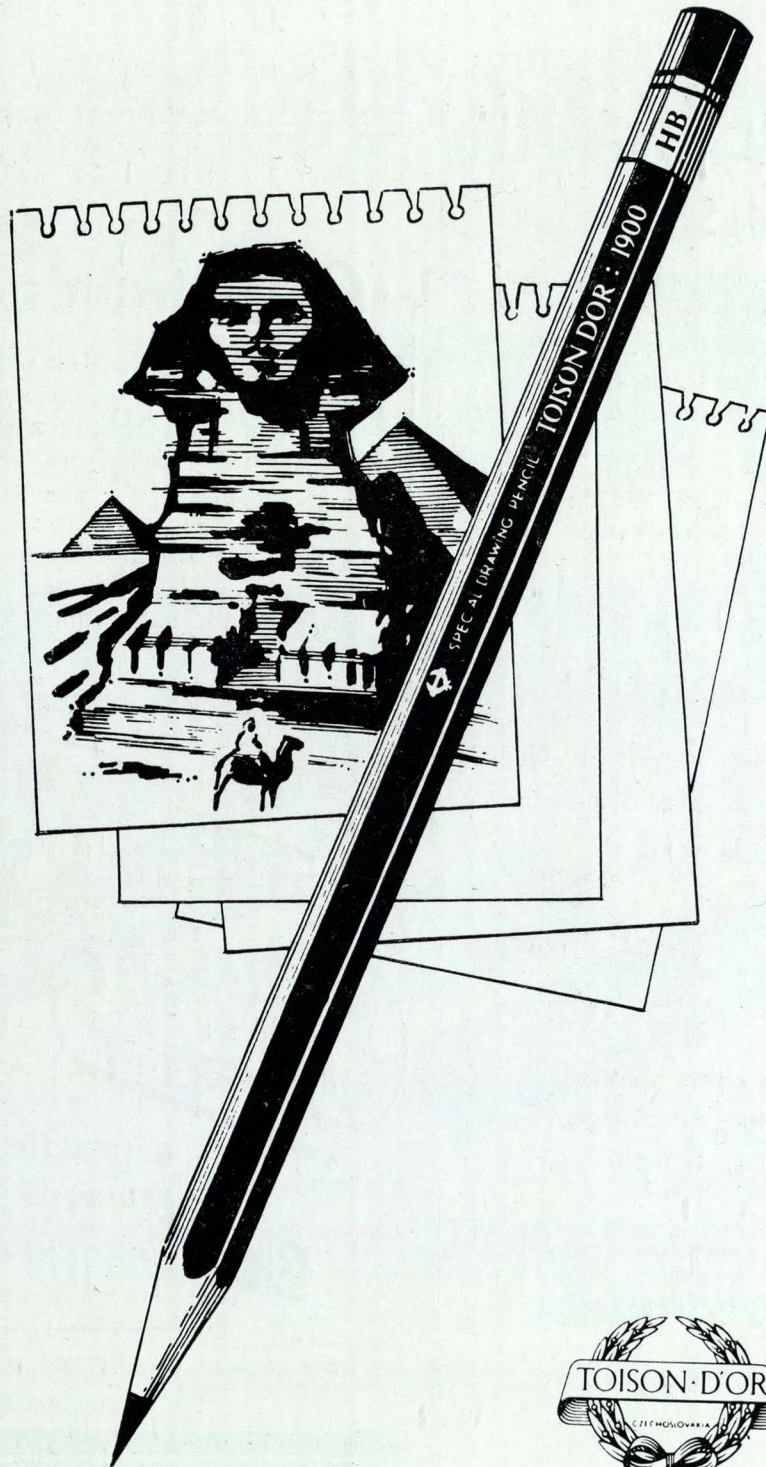
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ASKALAN, MAHMOUD		Nablus, Jordan
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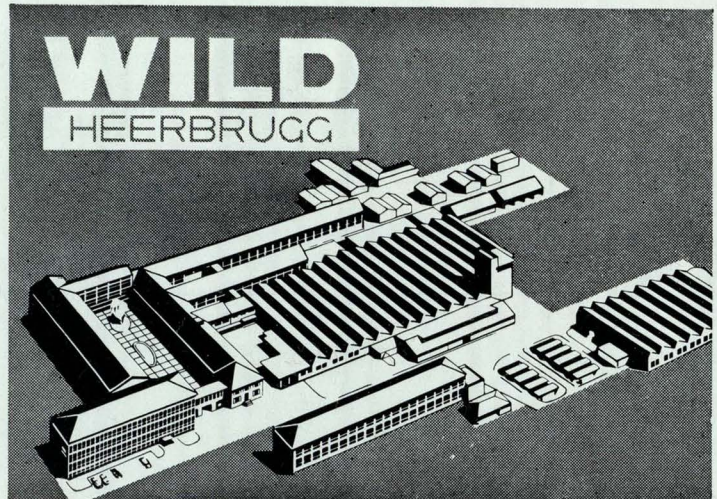
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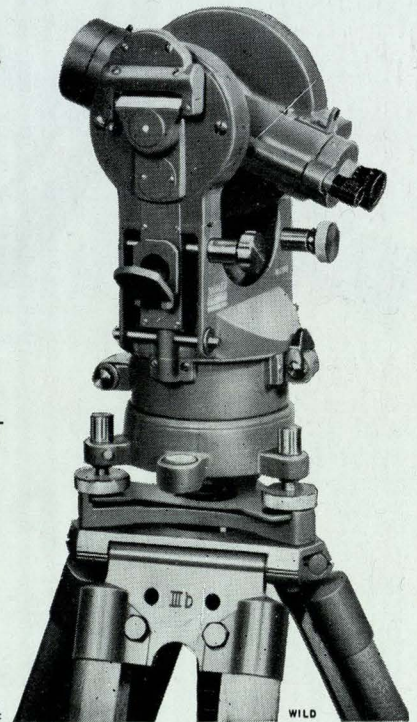
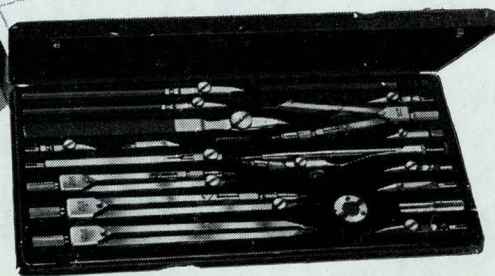
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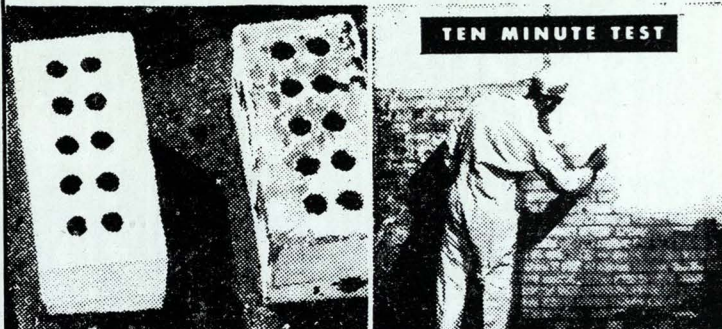
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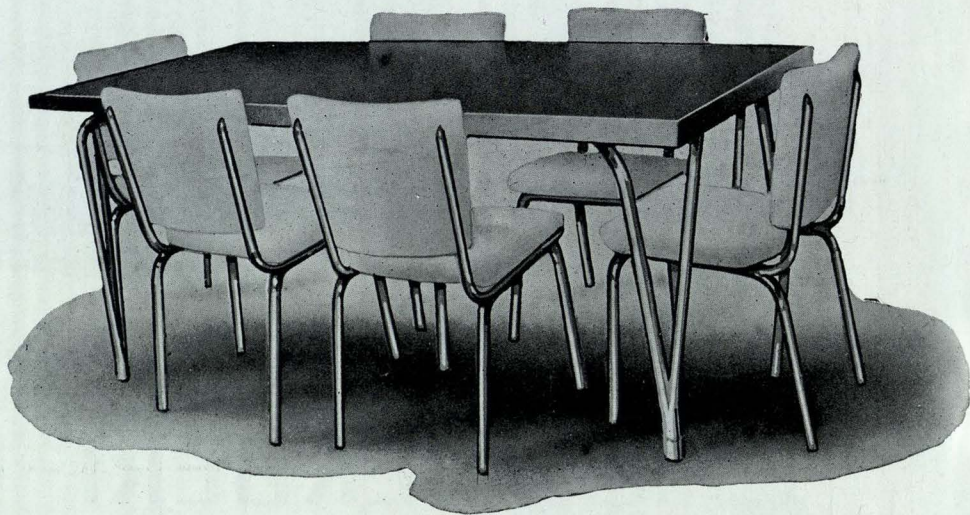
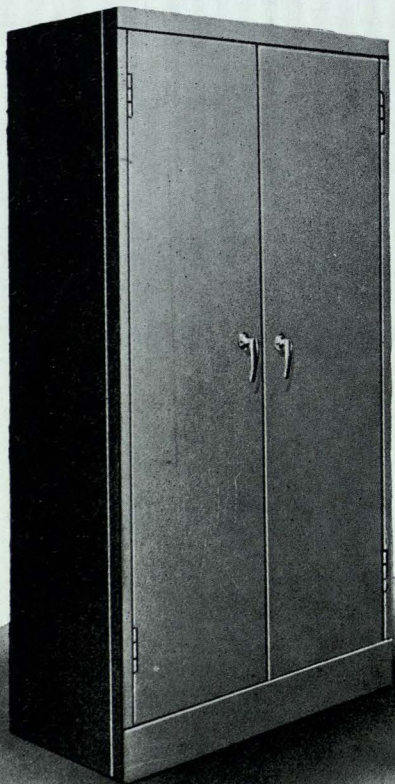
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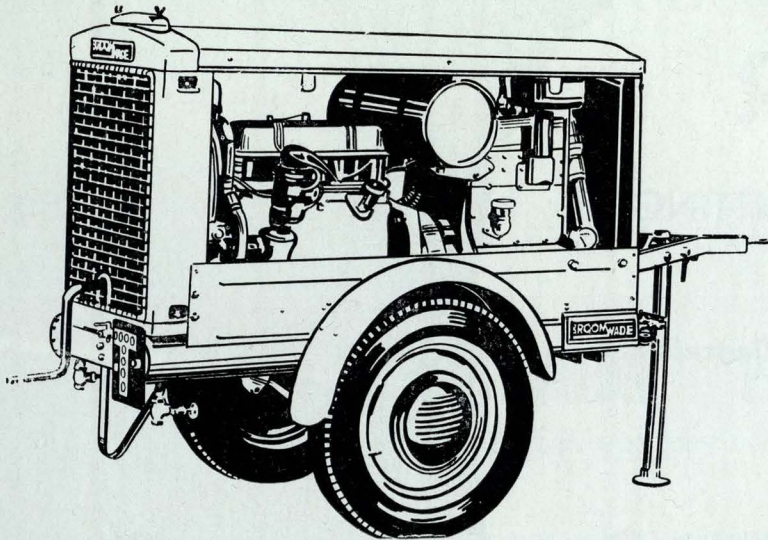
## Students' Directory

BAYDOUN, NA BARAZI, MUSTAFA BARHUM, MUHAMMAD BASHSHUR, FAIZ BASHSHUR, GABRIEL BATHISH, SUHAYL BAWARSHI, BAHIJ BAYTARIAN, KRIKOR BIKHAZI, NIKULA BIRBARI, GHASSAN BITAR, ANTOINE BOYADJIAN, HAGOP BULUS, ZUHAYR	P.O.Box 997 c/o Mahmud Barazi Abdallah Khalid Str.  P.O.Box 488  Sidani Street, Ras Beirut Abido Inkidar Bldg., Zeytouny Itani Bldg., Omar Abdul Aziz Str. c/o Nehmé Saba, Furn-el-Shubbak P.O.Box 973 Kasti Street, Zokak-I-Blat	Beirut, Lebanon Homs, Syria, U.A.R. Beirut, Lebanon Safita, Syria, U.A.R. Beirut, Lebanon Nazareth, Palestine Beirut, Lebanon Beirut, Lebanon Beirut, Lebanon Beirut, Lebanon Aleppo, Syria, U.A.R. Beirut, Lebanon U.N.R.W.A., Tripoli, Lebanon
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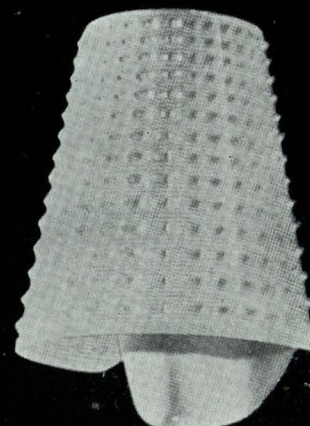
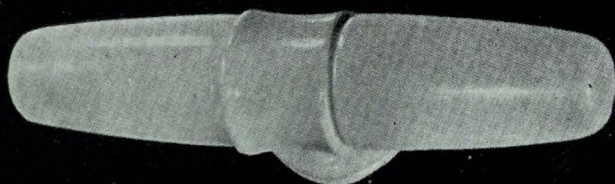
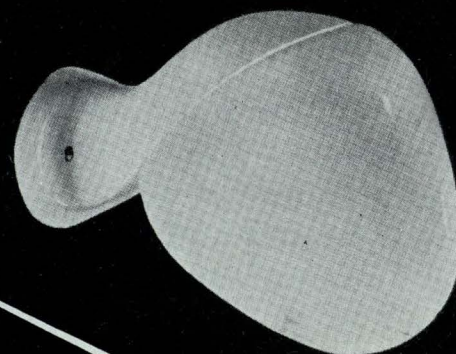
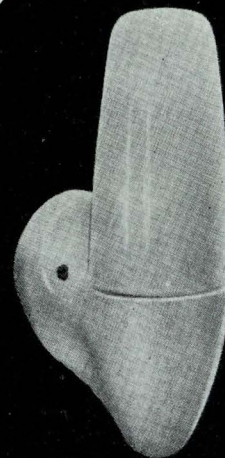
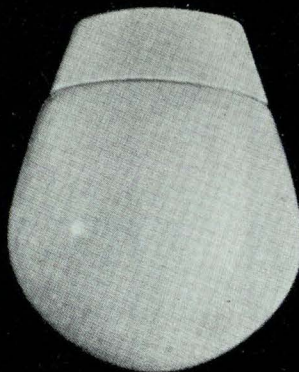
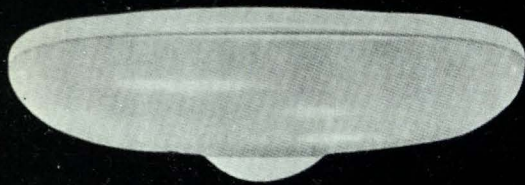
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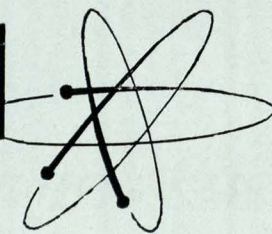


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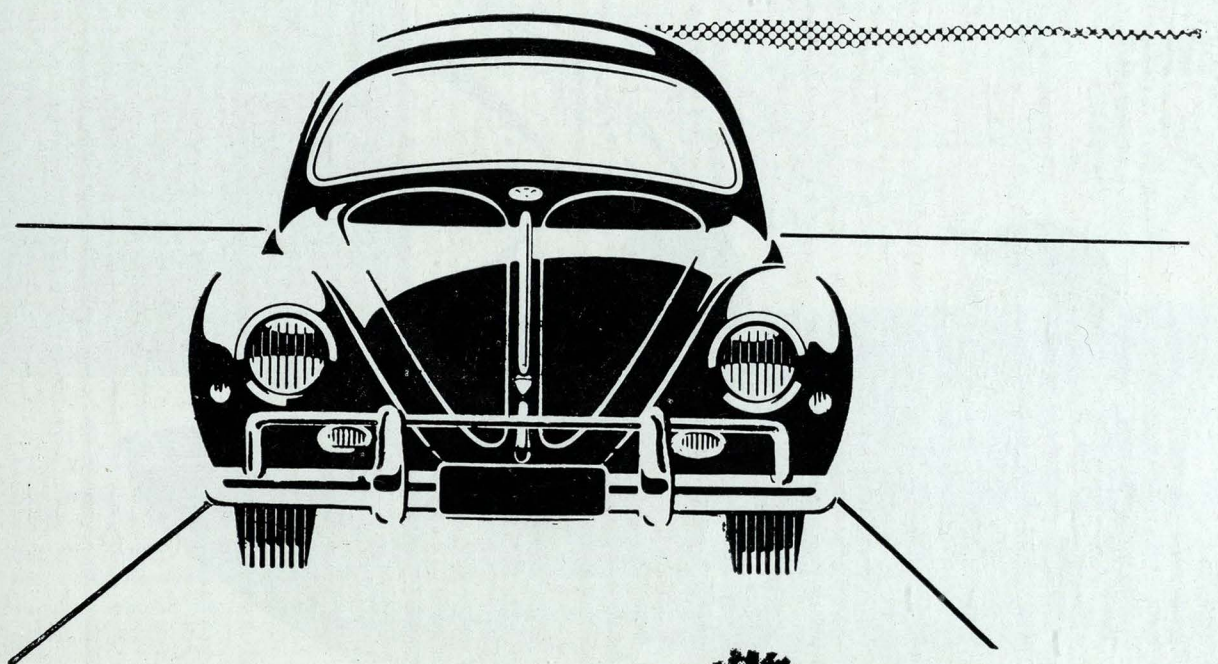
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GHULMIYYAH, MURAD		Shtoura, Lebanon
GHUNAYM, HATIM	Kirfan Street	Amman, Jordan
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GHUSN, ABDALLAH	Helweh	Jbeil, Lebanon
GHUSN, MICHEL	c/o O. Kassardjian Foundry	Chyah, Lebanon
GUEKGUEZIAN, VAHE	Bocopoulo Bldg., Nahr Str., Montee Selwane	Beirut, Lebanon
HADDAD, ANTOINE	59, Mgr. Chibli Str.	Beirut, Lebanon
HADDAD, EMILE	Kantarjian Bldg., Jeetawi Roman Orth. Str.	Beirut, Lebanon
HADDAD, KAMAL		Brummana, Lebanon
HADDAD, SUHAYL	Barha Street	Irbid, Jordan
HADDAD, WILLIAM	Dibs and Laban Bldg., Saadel Str., Ein-El-Kursh	Damascus, Syria, U.A.R.
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HAJJ, BAHJAT		Mansourieh, Metn, Lebanon
HAKIM, NASSIF ROBERT	Nazzarian's Bldg., Sidani Str.	Beirut, Lebanon
HAKKI, HASHIM HANI	Mohammad Ali Rida Str.	Amman Jordan
HALABI, ELIE		Jerusalem, Jordan
HALAZUN, RAJA	c/o Faiq Halazun, Lands Law Courts	Amman, Jordan
HAMARNEH, ISMAT		Kerak, Jordan
HAMD, HALIM		Abadieh, Lebanon
HAMIYYAH, ADIL	Abdel Kader Str.	Beirut, Lebanon
HAMRA, FAIZ		Judeidet-Marjeyoun, Lebanon
HAMZAH, SAMIR		Souk-el-Gharb, Lebanon
HAMZAH, SHUKRI		Ramallah, Jordan
HANNA, SADIK	Vatili	Brummana, Lebanon
HARRIS, HARALAMBOS	Wadi Hassan Bldg., Verdun Str.	Famagusta, Cyprus
HASAN, KAMIL		Beirut, Lebanon
HASSUN, FUAD		Tyre, Lebanon
HAWWA, HANNA	c/o Intra Bank	Damascus, Syria, U.A.R.
HAWWA, ILYAS		Hadeth, Lebanon
HAWWA, MUNIR	c/o I.P.C., P.O.Box 150	Tripoli, Lebanon
HAYDAR, KHALDOUN	Tarik el-Jadidah, Hassan Haydar's Bldg.	Beirut, Lebanon
HAYIK, FUAD		Zackrit-el-Metn, Lebanon
HAZBUN, ALBERT	P.O.Box 925	Amman, Jordan
HILU, ANIS		Souk-el-Gharb, Lebanon
HITTI, MICHEL	c/o Hitti Bros., Bourj-Hammoud	Beirut, Lebanon
HUSAYN, AGHA FARUK	Ardaty Str., Ras Beirut	Beirut, Lebanon
HUSAIN, NAZAR	Niazi Str., No. 145/B	Kohat, West Pakistan
IMAD, FAWZI		Dhour-Shweir, Lebanon
IRANI, FARHAD	c/o Philippe Zacca, near Manara	Beirut, Lebanon
ISA, ROBERT	Michel Isa Bldg., Kobayat Str., Nahr	Beirut, Lebanon
ISKANDAR, JULE	Muntazah Str., Furn-I-Shubbak	Beirut, Lebanon
ISPIRDUN, ALEXANDER	P.O.Box 254	Beirut, Lebanon
ISTFAN, JOSEPH		Zahle, Lebanon

(Contd. on page 134)



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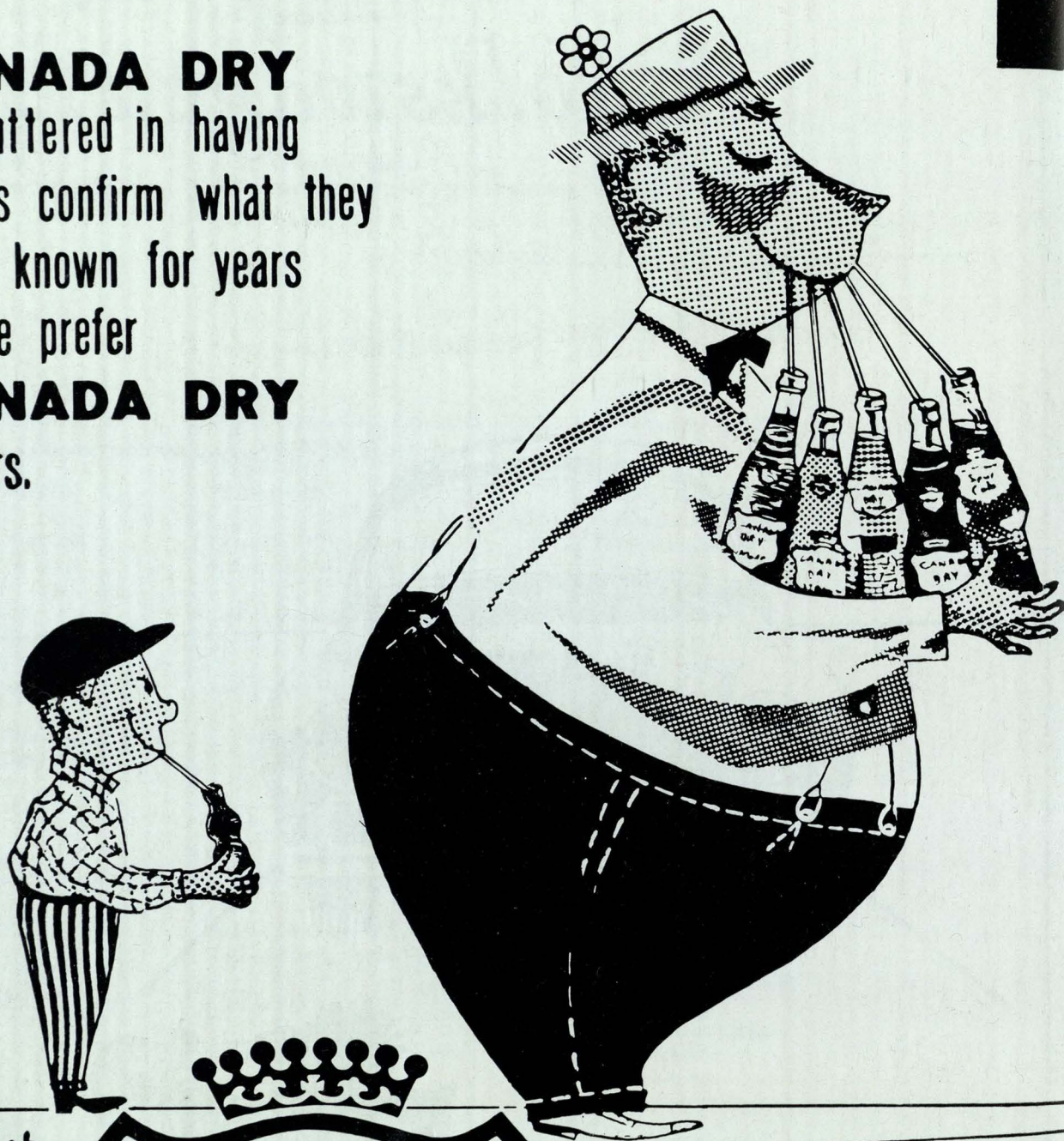
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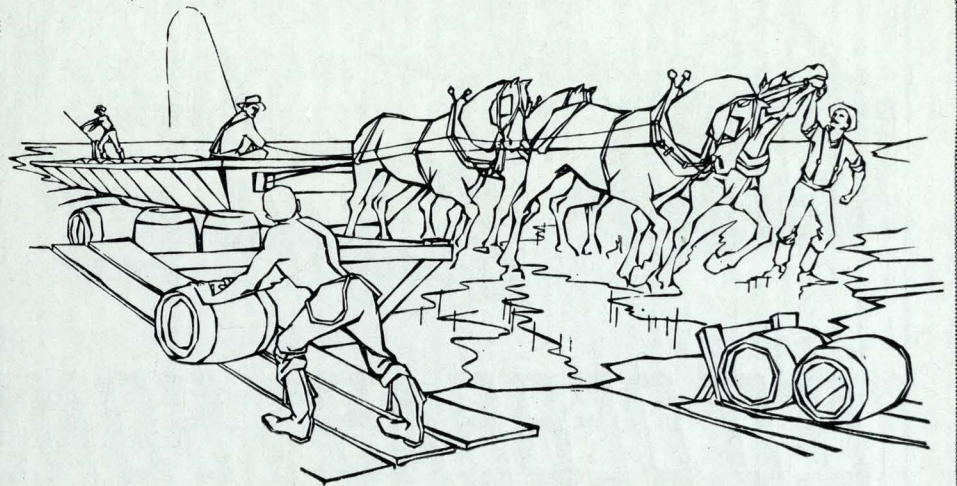
**A FLAVOR FOR EVERY TASTE**

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# THE HISTORY OF OIL TRANSPORTATION

## III

*The history of oil transportation from earliest times to the present is a long and fascinating one. This is one of a series of advertisements depicting various steps in the growth of oil transportation.*



Oil transportation took a big step forward when the wooden river barge was first utilized for this purpose. Oil carrying barges made their appearance in the 1860's in Pennsylvania, U. S. A. Illustration shows oil-laden

barges moving over the Pennsylvania waterways. In those days - before the development of engine power - oil barges had to be hauled by horses and, in some instances, by hand labor.

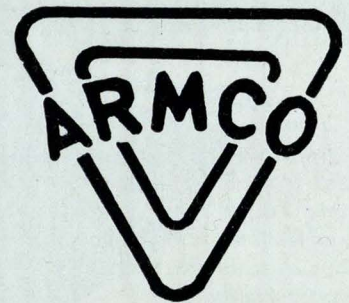
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JABIR, AMAL	Sidani Str., Ras Beirut	Beirut, Lebanon
JAFAR, ALI		Kumatieh, Lebanon
JAHSAN, BISHARAH	Abi-Rached Bldg., Adib Ishak Str., Ashrafieh	Beirut, Lebanon
JAHSAN, SAMIR	Ashrafieh	Beirut, Lebanon
JALBUT, SUHAYL	Hibara Bldg., Azmi Road	Tripoli, Lebanon
JAWARU, GEORGE	Maasab Bldg., Foch Str.	Beirut, Lebanon
JAWHARI, ALI	Jemilieh Shawkey Str.	Aleppo, Syria, U.A.R.
JEBEJIAN, KEVORK	P.O.Box 252	Aleppo, Syria, U.A.R.
JEZMEJIAN, HOVHANNES	Sankari Bldg., Franc Str.	Beirut, Lebanon
JIDAWN, MICHEL	Itani Bldg., Hamra Street	Beirut Lebanon
JURAYDINI, MAURICE	Mahmoud Farhat Bldg., Rue Post	Beirut, Lebanon
JURDI, FAWZI	Khalde	Damour, Lebanon
JURAYJ, GEORGE	Retibe	Akkar, Lebanon
JURAYS, MAURICE	c/o Intra Bank	Amman, Jordan
KABAKIAN, VAHE	III, Daud Pasha Str.	Beirut, Lebanon
KABBANI, MUHAMMAD	Dr. Kabbani's Bldg., Ibr-Sina Str.	Beirut, Lebanon
KAMAR, JACK	c/o Mr. Jacques Kamar	Jounieh, Lebanon
KANAFANI, NABIL	Nawbar Bldg., Mzra'a Street	Beirut, Lebanon
KANDIL, IBRAHIM	Jarair Street	Beirut, Lebanon
KANJ, IHSAN	c/o Al-Ahli Bank	Nablus, Jordan
KARAMI, SAFUH	Tell Street	Tripoli, Lebanon
KARAMAN, SAB	P.O.Box 134	Ramallah, Jordan
KASIM, RASHID	c/o Fawzi Kaim, UNRWA	Zahleh, Lebanon
KASSIS, ISA		Beerseit-Ramallah, Jordan
KAWALIT, TALAL		Kerak, Jordan
KAWAR, NAJIB	Roselet Bldg., Bliss Street	Beirut, Lebanon
KAWAR, SAMIR	Jabal Amman	Amman, Jordan
KAZZI, AMAL		Damour, Lebanon
KASIM, RASHID	c/o Fawzi Kaim, UNRWA	Zahleh, Lebanon
KASSIS, ISA		Beerseit-Ramallah, Jordan
KAWALIT, TALAL		Kerak, Jordan
KAWAR, NAJIB	Roselet Bldg., Bliss Street	Beirut, Lebanon
KAWAR, SAMIR	Jabal Amman	Amman, Jordan
KAZZI, AMAL		Damour, Lebanon
KESHISHIAN, VARTAN	Balaa Bldg., Zokak Blat	Beirut, Lebanon
KHALAF, DAUD	P.O.Box 95	Jerusalem, Jordan
KHALAF MUH. FATHI		Attil-Tulkerm, Jordan
KHAZIN, VICTOR	Sidani Bldg., Sidon Street	Beirut, Lebanon
KHURI, EDMOND	P.O.Box 961	Beirut, Lebanon
KHURI, GEORGE	Mussali Bldg., Hamra Street	Beirut, Lebanon
KHURI-MAKDISI, FARID	Jeaanne d'Arc Street	Leirut, Lebanon
KHURI, MUNIR	P.O.Box 606	Amman, Jordan
KISTOSTURIAN, HAIG	Koutche Kadje, Si-Metri Ave.	Teheran, Iran
KUDSI, MUHAMMAD FARID	Kasr-Al-Muhafaza	Aleppo, Syria, U.A.R.
KURAN, EDWARD	Beino	Akkar, Lebanon
KURAYYIM, ALI	P.O.Box 658	Amman, Jordan
KYRIAKOS, FUAD	c/o Dr. Kyriakos, Savoy Hotel	Beirut, Lebanon
LABABIDI, FARUK	Hotel Safa, Rue Sursouk	Beirut, Lebanon
LOSHKAJIAN, GEORGE	P.O.Box 1129	Beirut, Lebanon

(Contd. on page 140)

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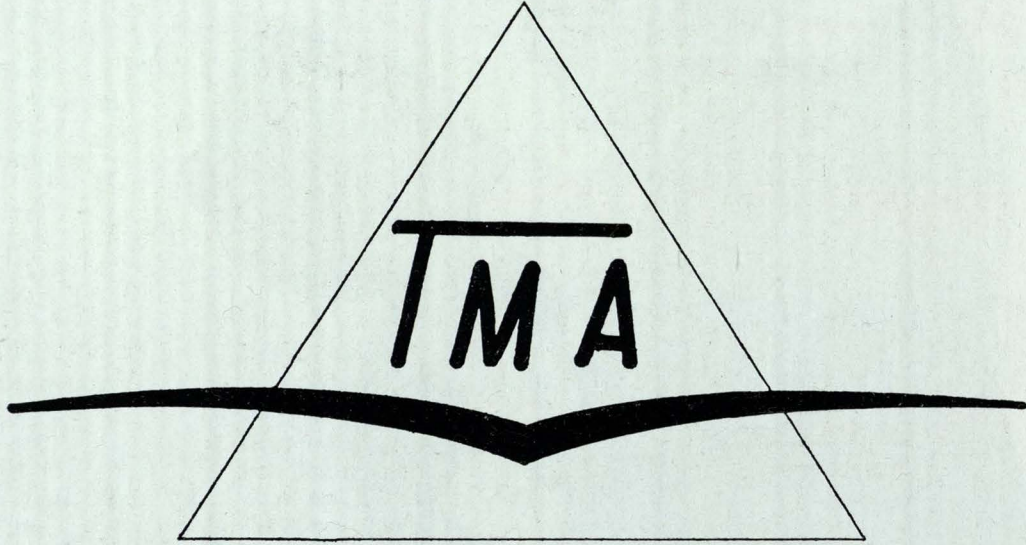
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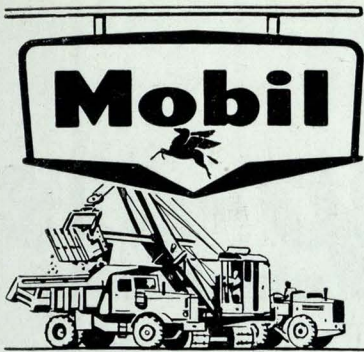
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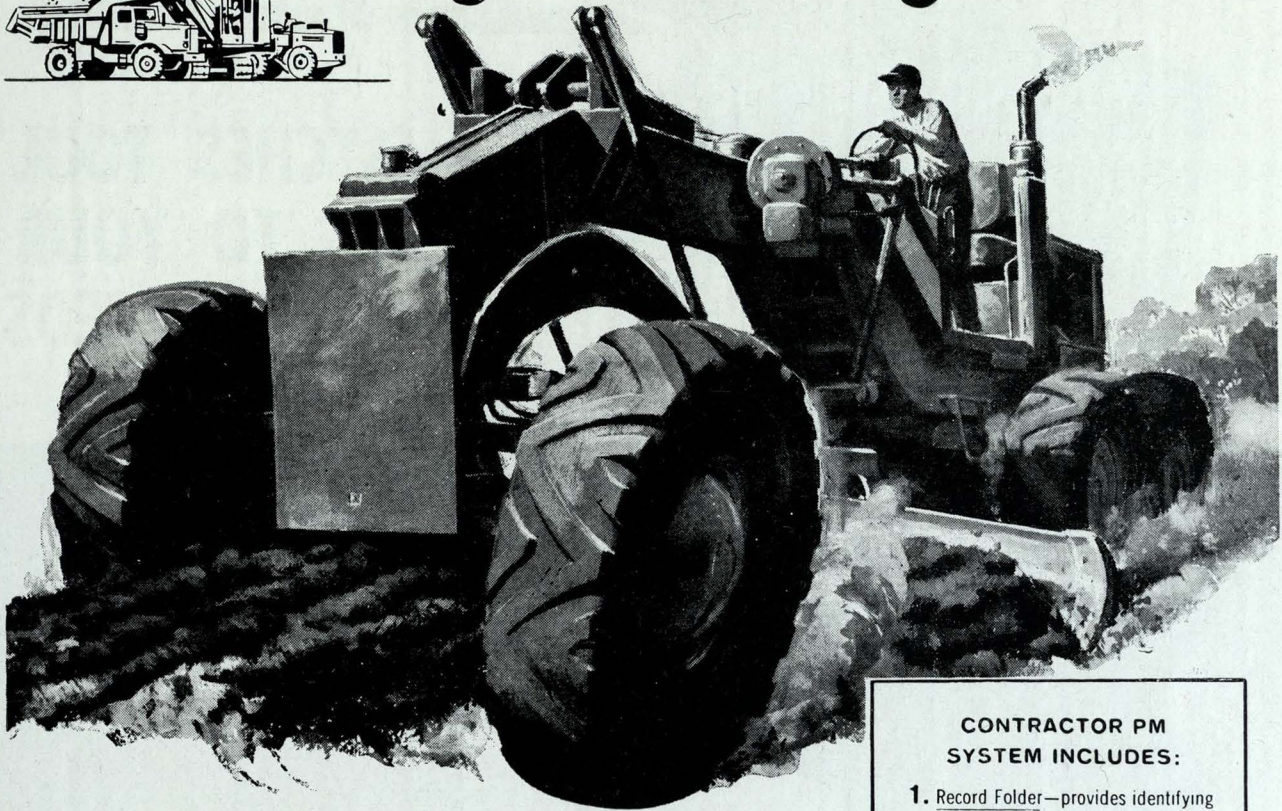
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*Famous Quality Products* such as Delvac Oils, New Mobilube GX Multipurpose-type Gear Lubricant and Mobilgrease.

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Your Mobil representative will be glad to show you how useful this system can be. Get in touch with him.

#### **CONTRACTOR PM SYSTEM INCLUDES:**

- 1. Record Folder**—provides identifying data for each piece of equipment, holds equipment records.
- 2. Operator's Recommendation Chart**—lists the correct lubrication recommendations for each piece of equipment.
- 3. Weekly Service & Inspection Report**—an up-to-date record of mechanical condition of equipment, work to be done or completed.
- 4. Delivery Ticket**—lists petroleum supplies delivered to equipment on the job.
- 5. "Squawk" Sheet**—used by equipment operator to point out trouble spots that need attention.



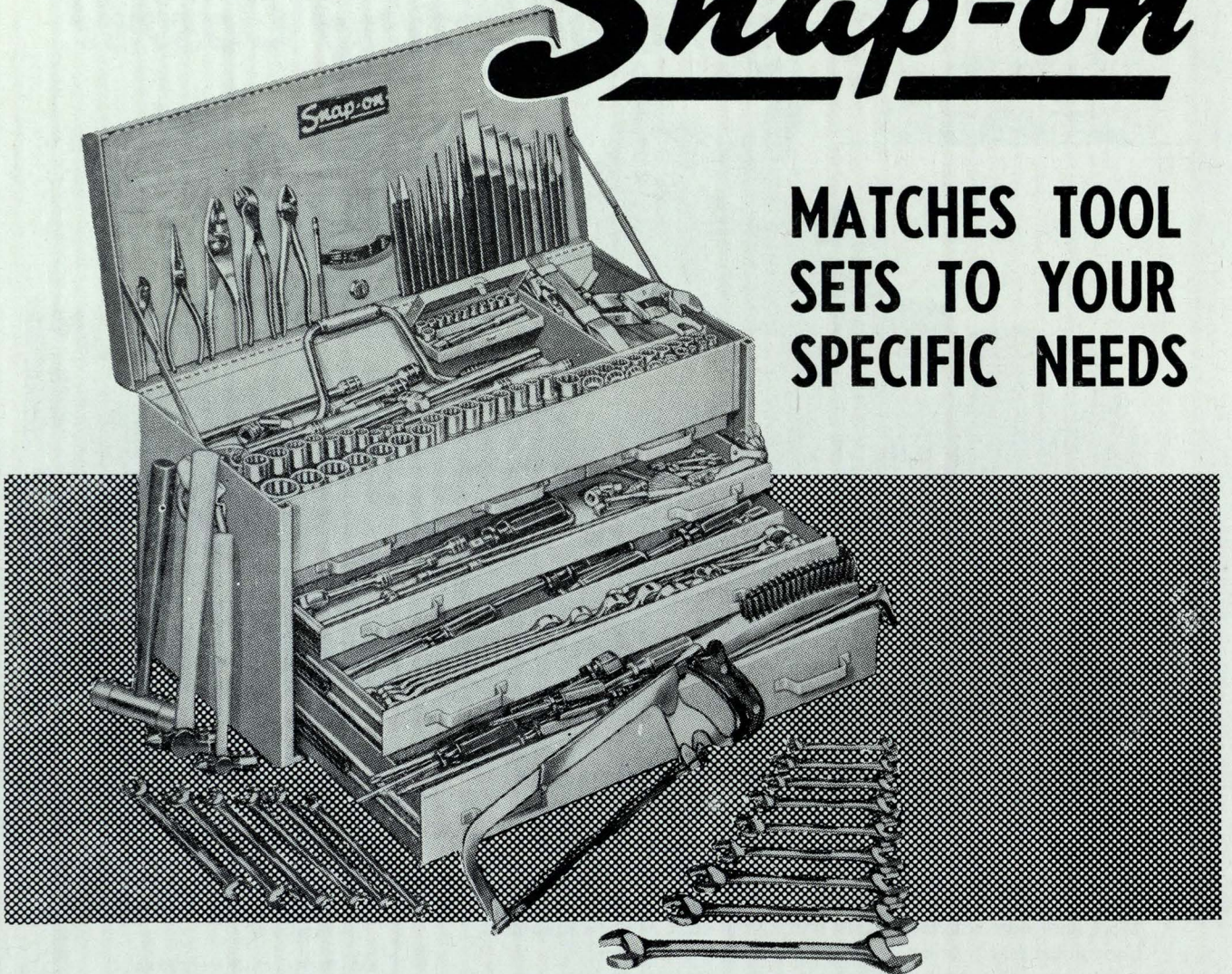
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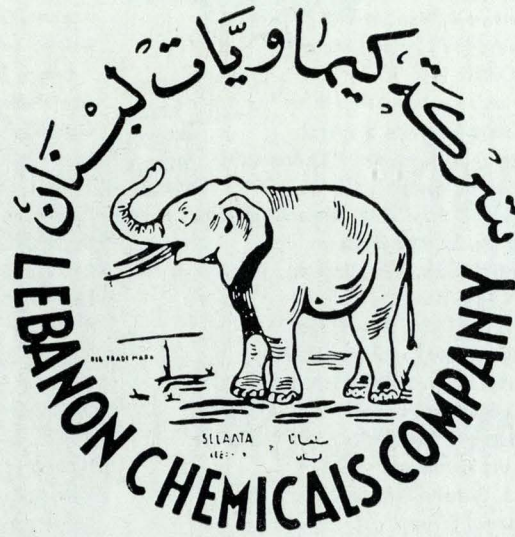


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138

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- سلفات الامونيак عيار ٢١ %
- نترات الامونيак عيار ٢٠ ، ٥٠ %
- ازوت مركب عيار ٢٦ ، ٥٠ %
- كلورور البوتاس عيار ٥٠ %
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الادارة : بيروت - المرفأ - بنانه فباض - ٢١٣٩٣

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LUBANI, RIFAT  
LUBBAT, HANNA  
LUTFALLAH, JOHN

Nahr-el-Barid Camp

Tripoli, Lebanon  
Ramallah, Jordan  
Roomiet, Metn, Lebanon

MADALLAH, YACOUB  
MAHIR, ISAM  
MAKARIM, SAMAH  
MAKHLUF, HANNA  
MAKHKHUL, IBRAHIM  
MAKRIDIS, CONSTANTINE  
MAKSUD, SALIM  
MALHAS, A. F. NAIL  
MALKHASSIAN, BOGHOS  
MANDJIKIAN, ZAVEN  
MANDOSSIAN, GEORGE  
MANOUKIAN, OHANIC  
MANUELIAN, HAGOP  
MARDIROSSIAN, ZOHRAB  
MARKARIAN, MARKAR  
MASRI, AWNI  
MASABKI, ANDRE  
MASSAD, CLAUDE  
MATTA, ALBERT  
MAZLUMOLHOSSEINI, ALI ASGHAR  
MELIDONIAN, HOVANES  
MELKONIAN, VAHE  
al-MILLI, NIZAR  
MIMARI, ANTOINE  
MIMARI, BASSAM  
MIZRAHI, YUSUF  
MOULANA, EASSA

Victory Bldg., Sidani St., Ras Beirut  
P.O.Box 1701,

Raskifa  
Safita  
Melitos 4, Nea Smyrni  
Orthodox Hospital Street  
P.O.Box 174  
Aram's Laundry, Rue Bliss  
Nasset Str., No. 8 Sharaf  
Armenian Convent, P.O.Box 4001  
Haret-al-Nassarah  
Dr. Anis Adel Bldg., Commodor Str.  
c/o Dr. Sh. Mardorissian  
Grayzi Bldg., Rur Watwat  
c/o Arab Bank  
Husrom Bldg., Bliss Street  
Kairouz Bldg., Pasteur Street  
Matta Bldg., Sagesse Street  
c/o Shahpoor School  
Ghassoub Assaad Bldg., St. Michel Str.  
Bourj Hammoud  
136, Fathalla Str., Bashora, Basta  
Mamari Street

Tutundjian Bldg., Jumblat Station  
c/o Mr. Moulana, Kuche Nezamolmolk  
Shahreza Ave.

Boulos Bldg., Abdel Aziz Str.  
P.O.Box 421  
Deir Elghosoun  
c/o Tukan Laundry  
Ramadan Str., Basta-Fawka  
El-Mina Street  
c/o Dr. Fehmi Murad  
Salt Street  
28, Sidani Street  
P.O.Box 597  
c/o Dr. Saad Mussallam, Makhoul Str.  
Moufarej Bldg., Damas Str.

P.O.Box 91  
Sulake  
Muhajrine, Mastabeh

Beirut, Lebanon  
Beirut, Lebanon  
Ras-el-Matn, Lebanon  
Zgharta, Lebanon  
Edideh, Syria, U.A.R.  
Athens, Greece  
Beirut, Lebanon  
Amman, Jordan  
Beirut, Lebanon  
Damascus, Syria, U.A.R.  
Jerusalem, Jordan  
Tripoli, Lebanon  
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Beirut, Lebanon  
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Beirut, Lebanon  
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Amman, Jordan  
Beirut, Lebanon  
Amman, Jordan  
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Beirut, Lebanon  
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(Contd. on page 146)





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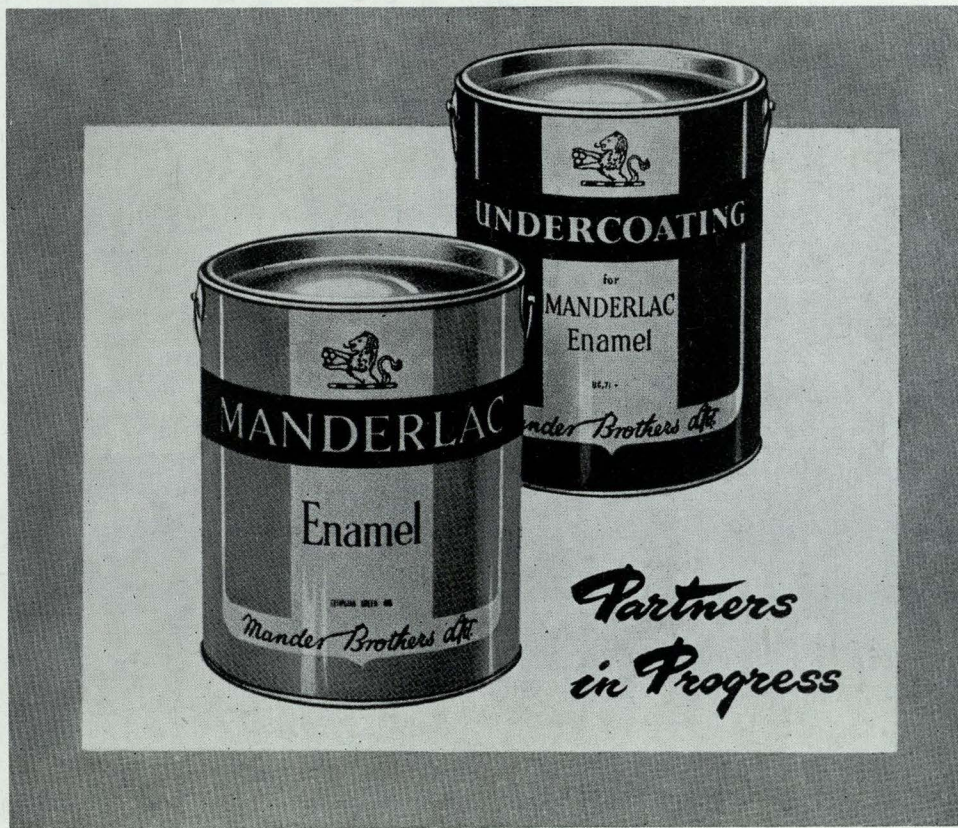
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*and*

# MANDERLAC UNDERCOATING

SPECIAL EXTERIOR FINISH

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FOR MOST EXACTING JOBS  
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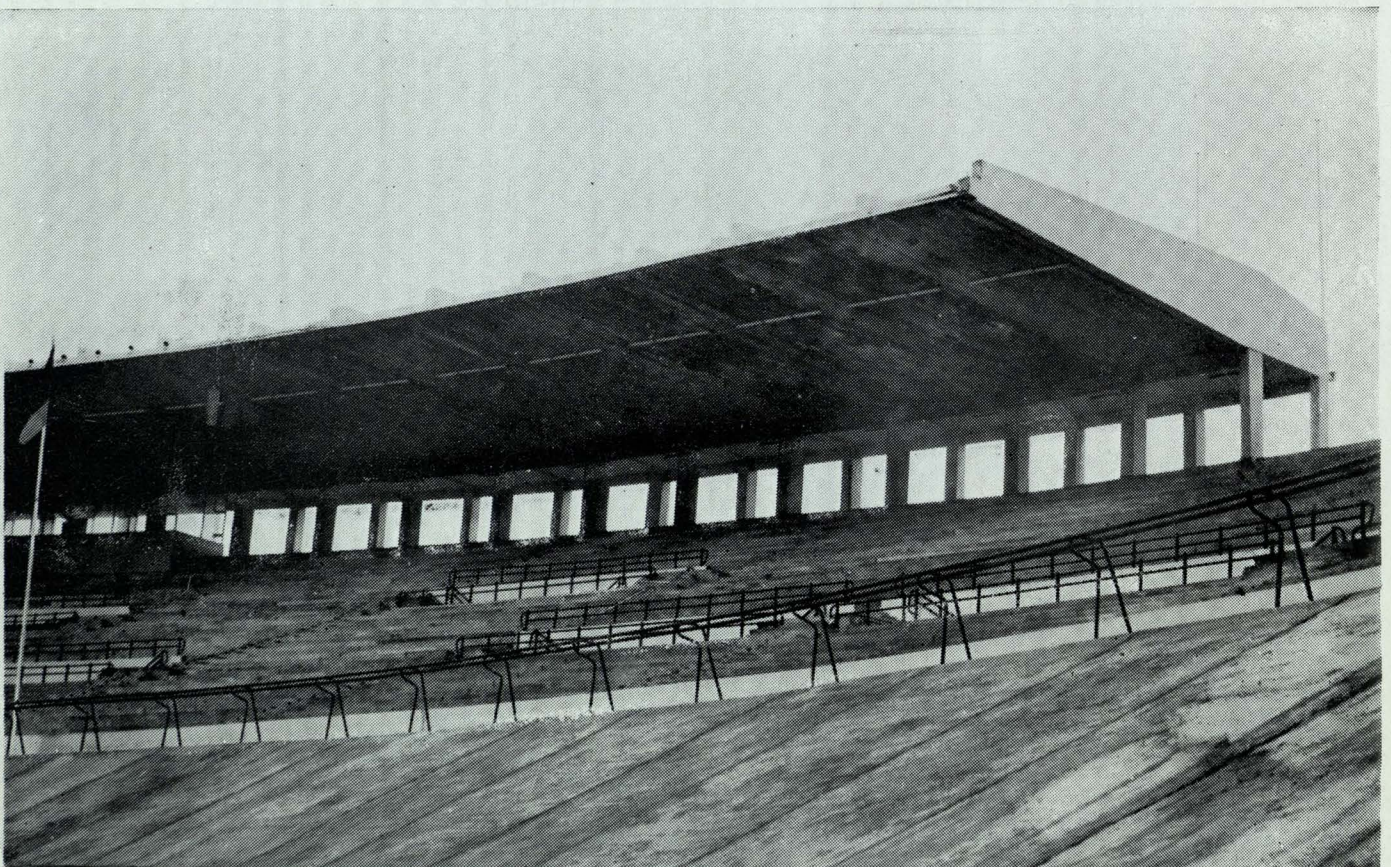
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By courtesy of Mr. Rizk contractor, Beirut, Lebanon.*

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NAJA, ABDUL-MAJID	Lubbus Street	Beirut, Lebanon
NAJARIAN, BEDROS	P.O.Box 2829	Beirut, Lebanon
NASRALLAH, NAZIH	c/o Dr. Nasrallah, Ministry of Health	Amman, Jordan
NASSAR, RASHID	Graham Pharmacy, Graham Str.	Beirut, Lebanon
NAWFAL, JOSEPH		Sidon, Lebanon
NIZAMUDDIN, HIKMAT	Mukarzel Bldg., Hamera Str.	Beirut, Lebanon
NOORI, HAIDAR ALI	Paghman	Kabul, Afghanistan
PALASOPOULOS, JOHN	Kirinas 38, Synikia Papagou	Athens, Greece
PAPADOPOULOS, ANTOINE	P.O.Box 397	Beirut, Lebanon
POORMAND, IRAJ	Entezam Ave., Ammirrieh Ave.	Teheran, Iran
RAHHAL, MAKRAM	P.O.Box 1276	Beirut, Lebanon
RAYYIS, FARID		Aley, Lebanon
RAYYIS, USAMAH	c/o Barada Newspaper	Damascus, Syria, U.A.R.
RIHANI, FUAD	c/o Capt. Rihani, Royal Military College	Zerka, Jordan
RISHA, SAMI	Massoud Risha Bldg., Al-Nahr Str.	Beirut, Lebanon
RIKABI SUKKARI, WALID	Karakon Druze, Rue Abbass Al-Azhari	Beirut, Lebanon
RISHANI, ANIS	Shouaifat, Amrusye	Lebanon
RIZK, ALFRED	P.O.Box 975	Beirut, Lebanon
KIZK, MICHEL	Habib Bldg., Rue Sassine, Ashrafieh	Beirut, Lebanon
SABA, FAWZI	Artois Street, Sukarye Bldg.	Beirut, Lebanon
SAD, MATYA	P.O.Box 200	Amman, Jordan
SADI, WAIL	Abu Rashed Str., Tarik el-Jadeedah	Beirut, Lebanon
SADIKIAN, GARABED	126, Khalil Pasha Str.	Beirut, Lebanon
SA-UD-DIN, RIYAD	Bourj-el-Barajneh, Salah Rahal Bldg.	Beirut, Lebanon
SAID, ABDALLAH		Dammam, Saudi Arabia
as-SAKIT, AWNI	P.O.Box 606	Amman, Jordan
SALEM, WAHIB	Amioun	El-Koura, Lebanon
SALHAH, FRANÇOIS	Zakhour Bldg., Rue des Cèdres	Beirut, Lebanon
SALHAH, RAYMOND	Salim Nujem Bldg., Rue Badaro	Beirut, Lebanon
SALIH, ABDO HOMERUS	Galaini Bldg., Sadat Str.	Beirut, Lebanon
SALLUM, GEORGE	c/o Sadek Sallum, Al-Hamidieh	Homs, Syria, U.A.R.
SALMAN, YUSUF	P.O.Box 172 A.U.B.	Beirut, Lebanon
SAMAHA, IBRAHIM	c/o Joseph Samaha, Saovy Hotel	Beirut, Lebanon
SAMARAH, EMILE	Ahmed Itani Bldg., Hamra Str.	Beirut, Lebanon
SANBAR, RAMZI	Salman Bldg., Hamra Str.	Beirut, Lebanon
SARKIS, SAMIR	Avisdik	El-Koura, Lebanon
SAYKALI, ROGER	Esseily Bldg., Hamra Str.	Beirut, Lebanon
SAYYID, FUAD	Dana Bldg., Sabra Str.	Beirut, Lebanon
SCAMANGA, STELIO	Salman Bldg., Phare	Beirut, Lebanon
sh-SHA, NAIM	Beterram	El-Koura, Lebanon
SHABARIK, ABDUL-MAJID	Sabil Street	Aleppo, Syria, U.A.R.
SHAHFAH, SUHAYL	Riff Bldg., Hamra Street	Beirut, Lebanon
SHAHRURI, JOSEPH	Karm-el-Zeitoun, Ashrafieh	Beirut, Lebanon
SHALHUB, JOSEPH	Dr. Achi's Street	Latakia Syria, U.A.R.
SHAMAYILAH, BAHJAT		Irbid, Jordan
SHAMMAS, IBRAHIM	c/o Jubran Shammas	Tyre, Lebanon
SHAMMAS, NAZIH	Abu-el-Hall Str.	Homs, Syria, U.A.R.
SHIBLI, ELIE	Siouffy, Ashrafieh	Beirut, Lebanon
SHIBL, HISHAM	Tahir Bldg., Mazra'a, Ouza'i Str.	Beirut, Lebanon
SHILBAYAH, ABDUR-RAHIM	c/o Abdul-Kadem Shibayah	Nablus, Jordan
SHORVOGLIAN, NOUBAR	Student Christian Center, P.O.B. 235	Beirut, Lebanon

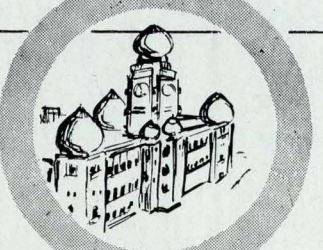
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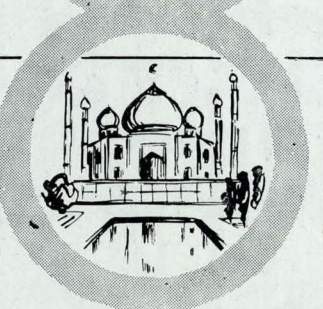
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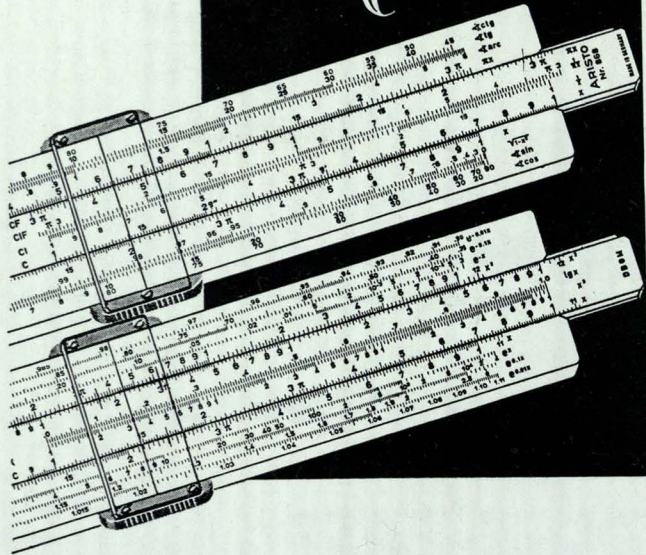
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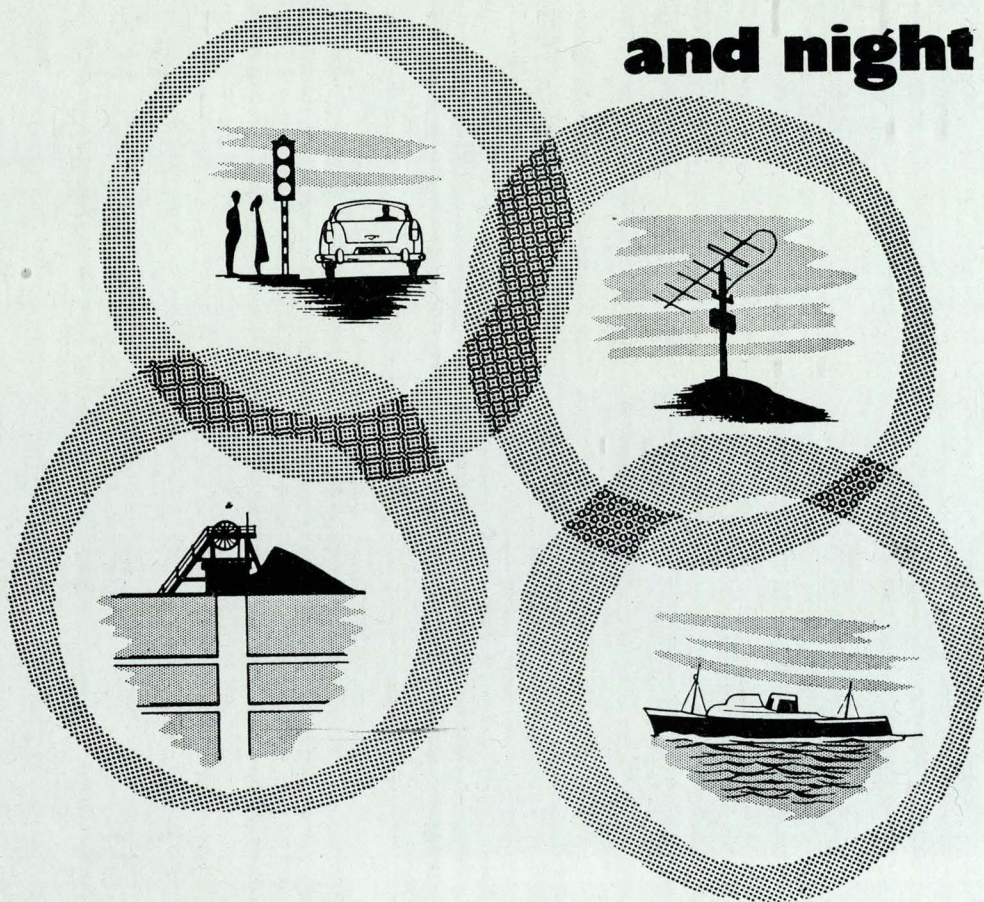
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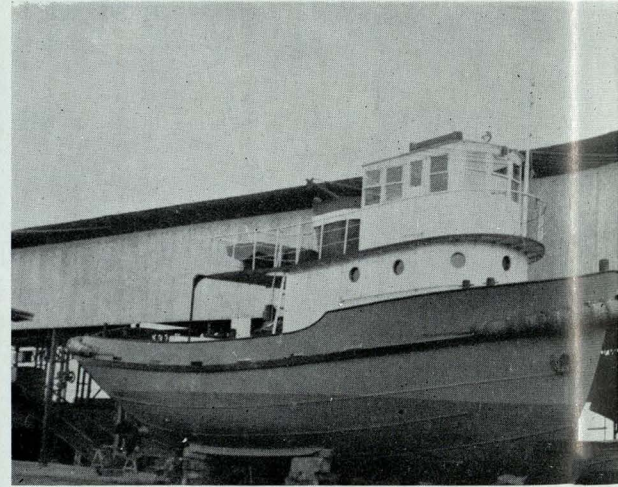
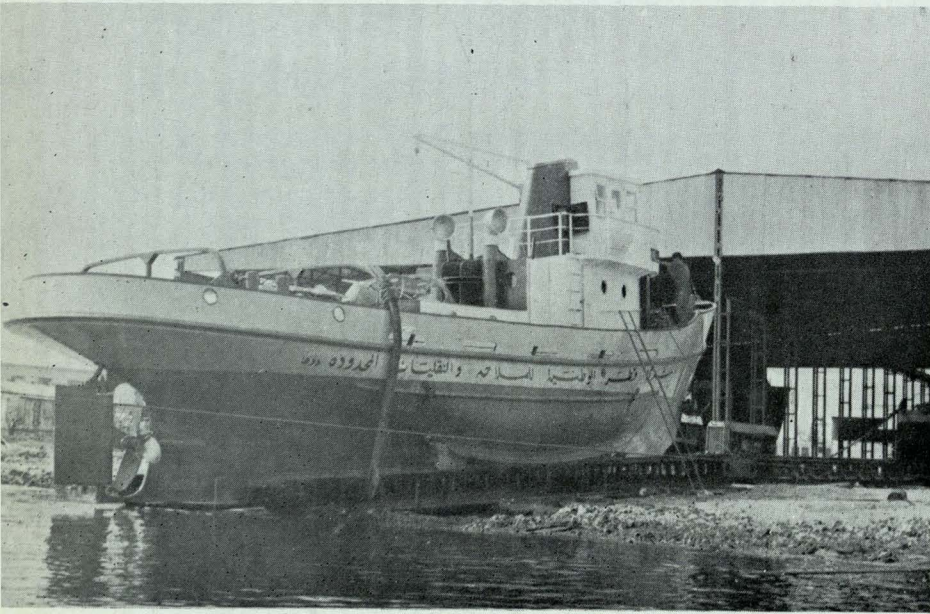
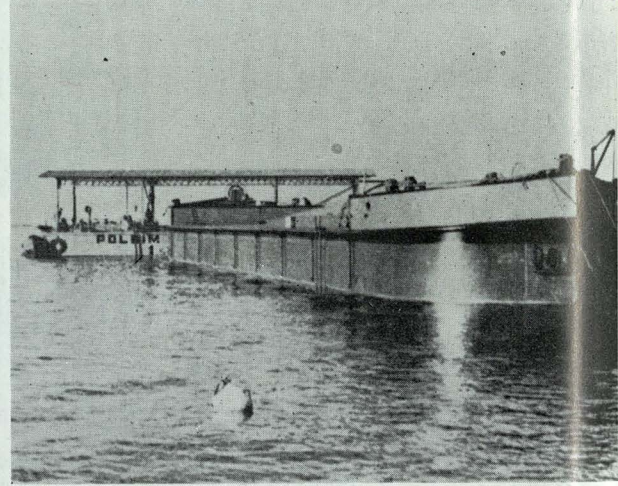
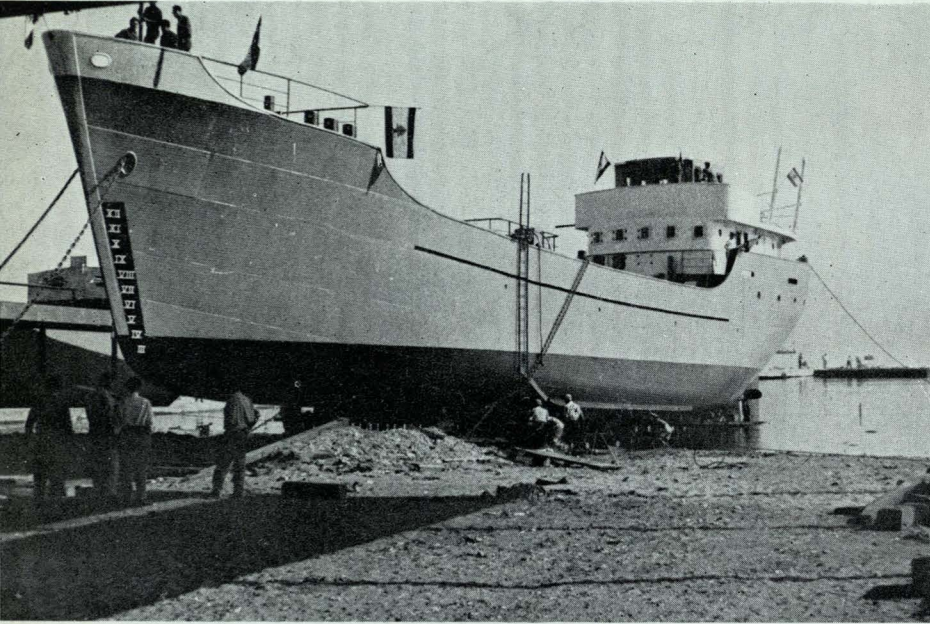
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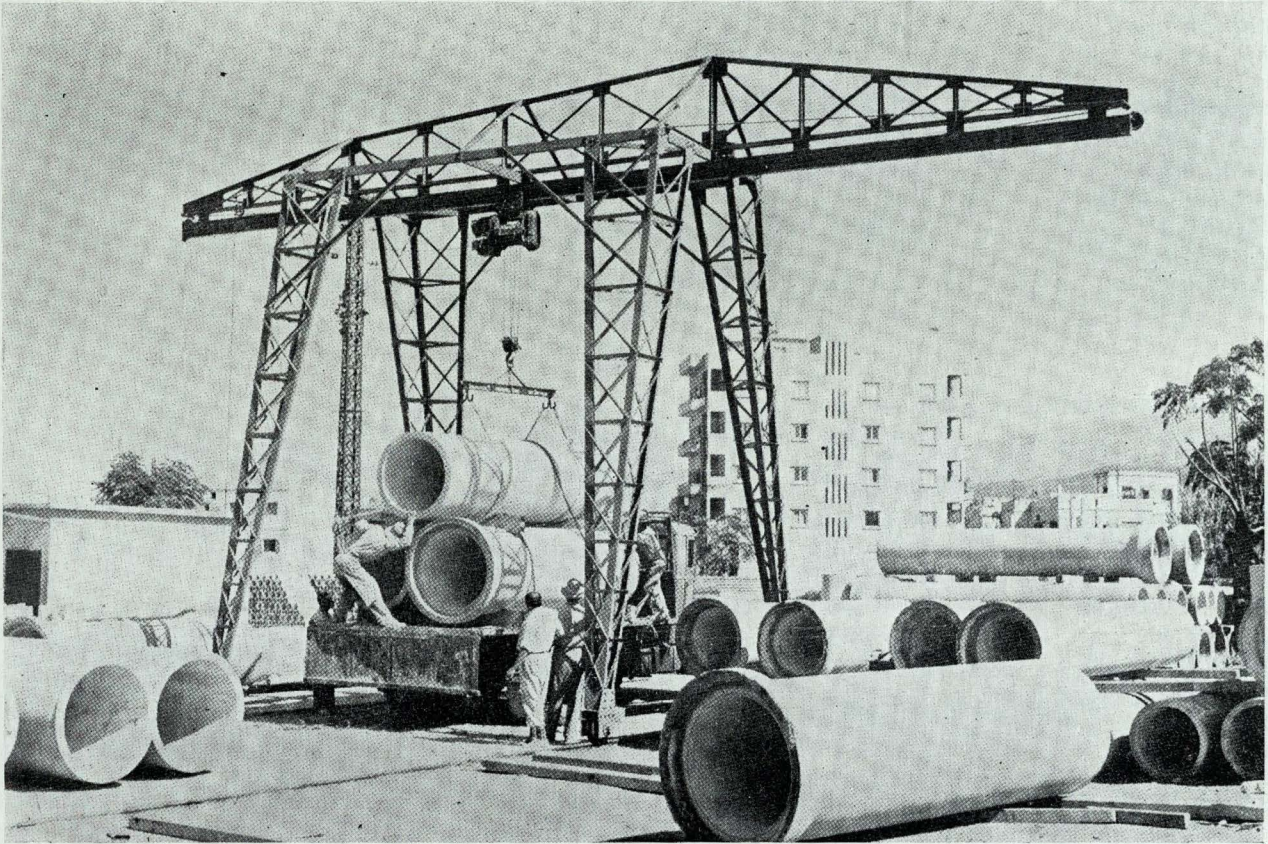
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TUMA, DAVID	Suruji Bldg., Agrippa Str.	Nablus, Jordan
TUMA, FUAD	P.O.Box 2	Beirut, Lebanon
TUMA, GEORGE	Rue Ghazalieh, Ashrafieh	Beirut, Lebanon
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	Ababa, P.O.Box 356	
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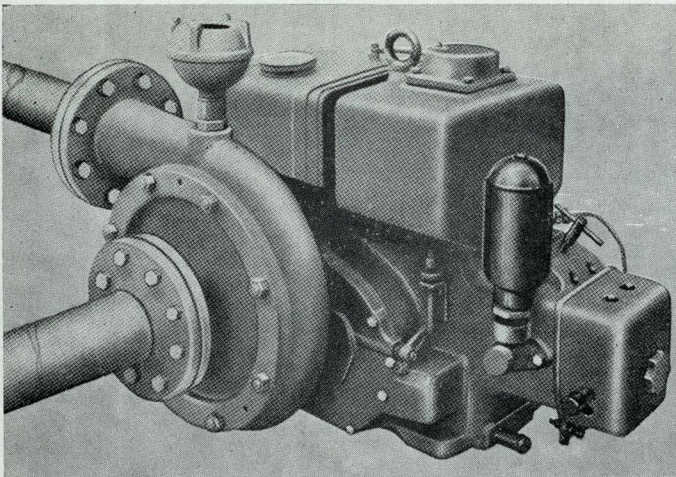
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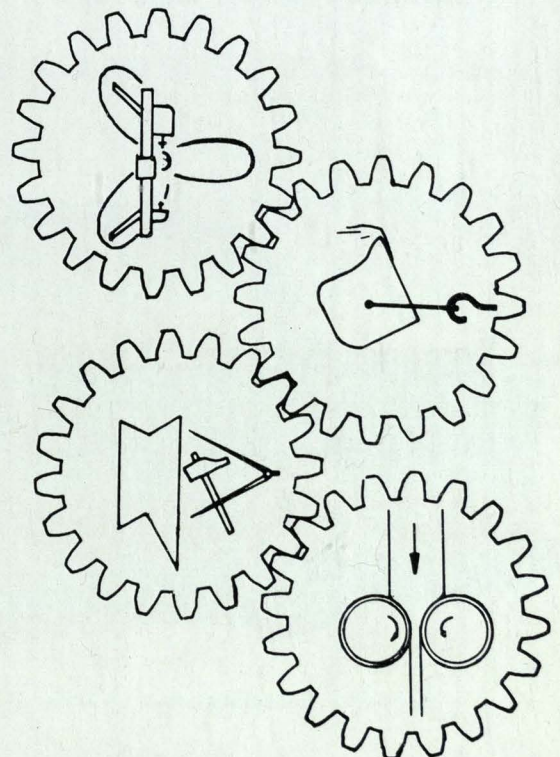
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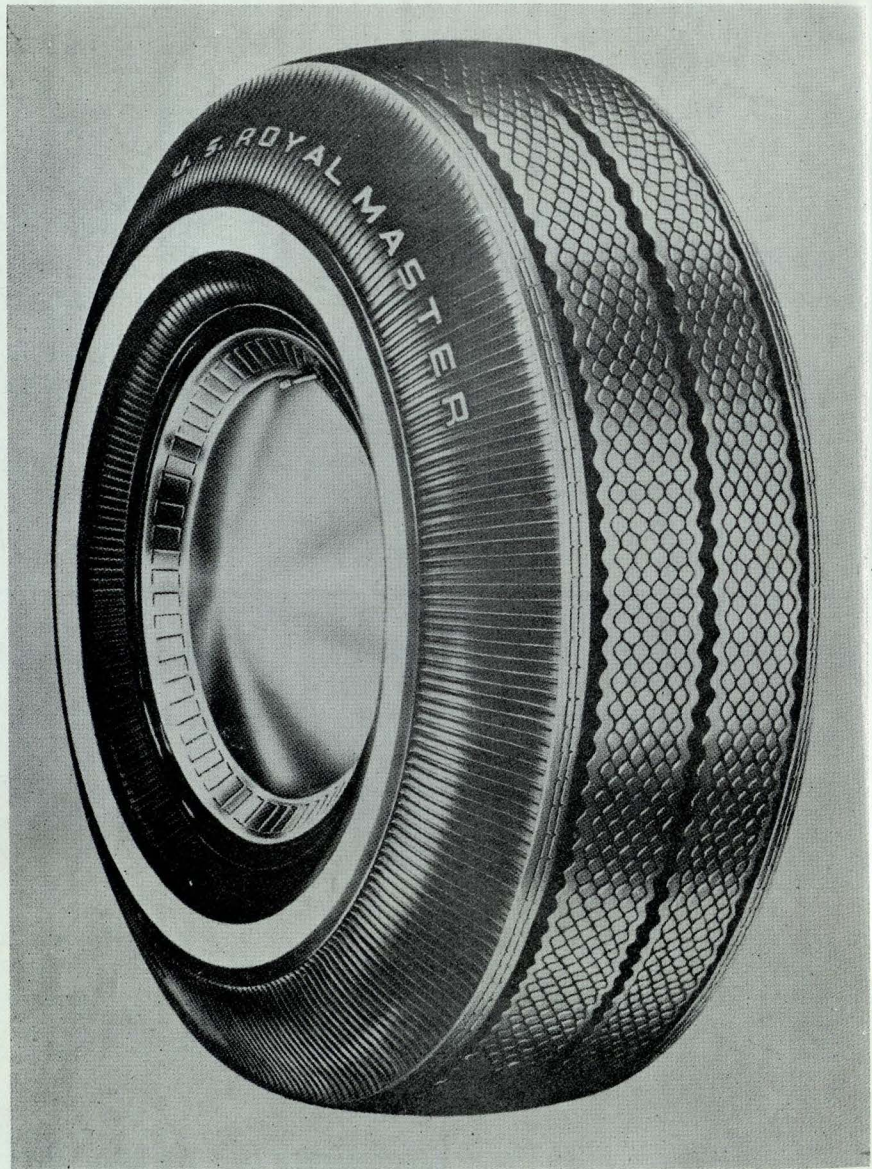
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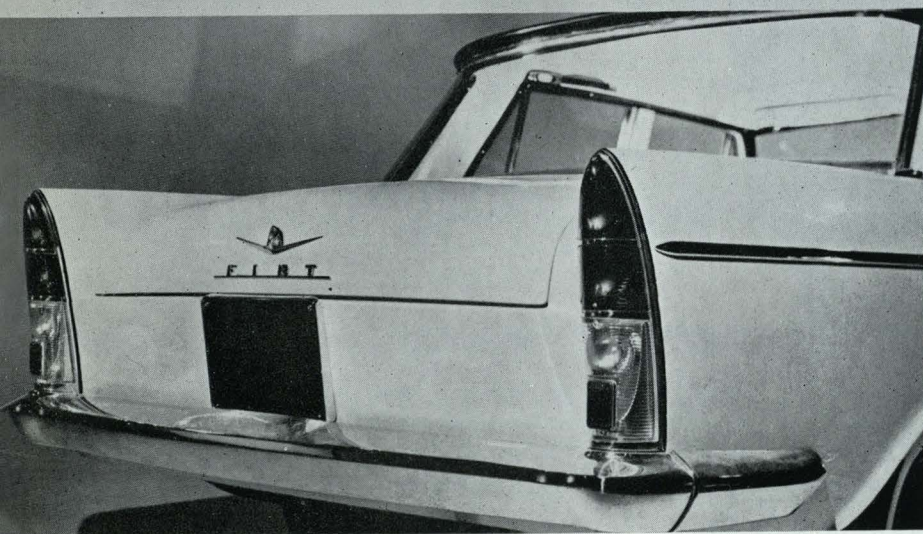
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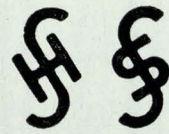
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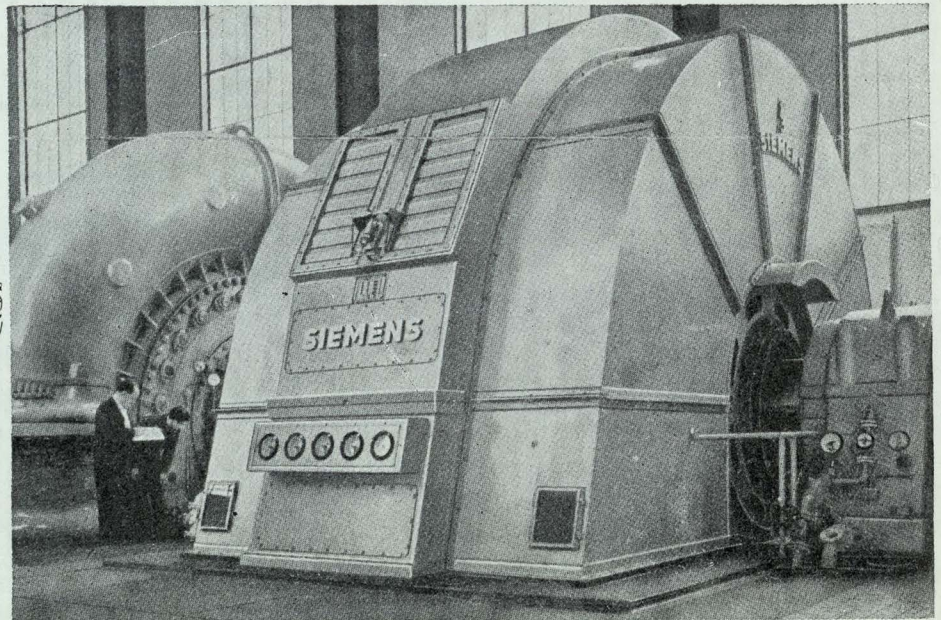
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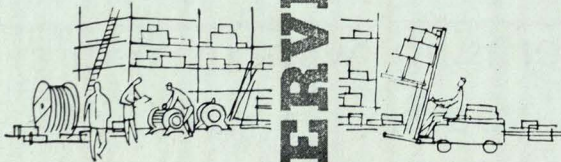
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