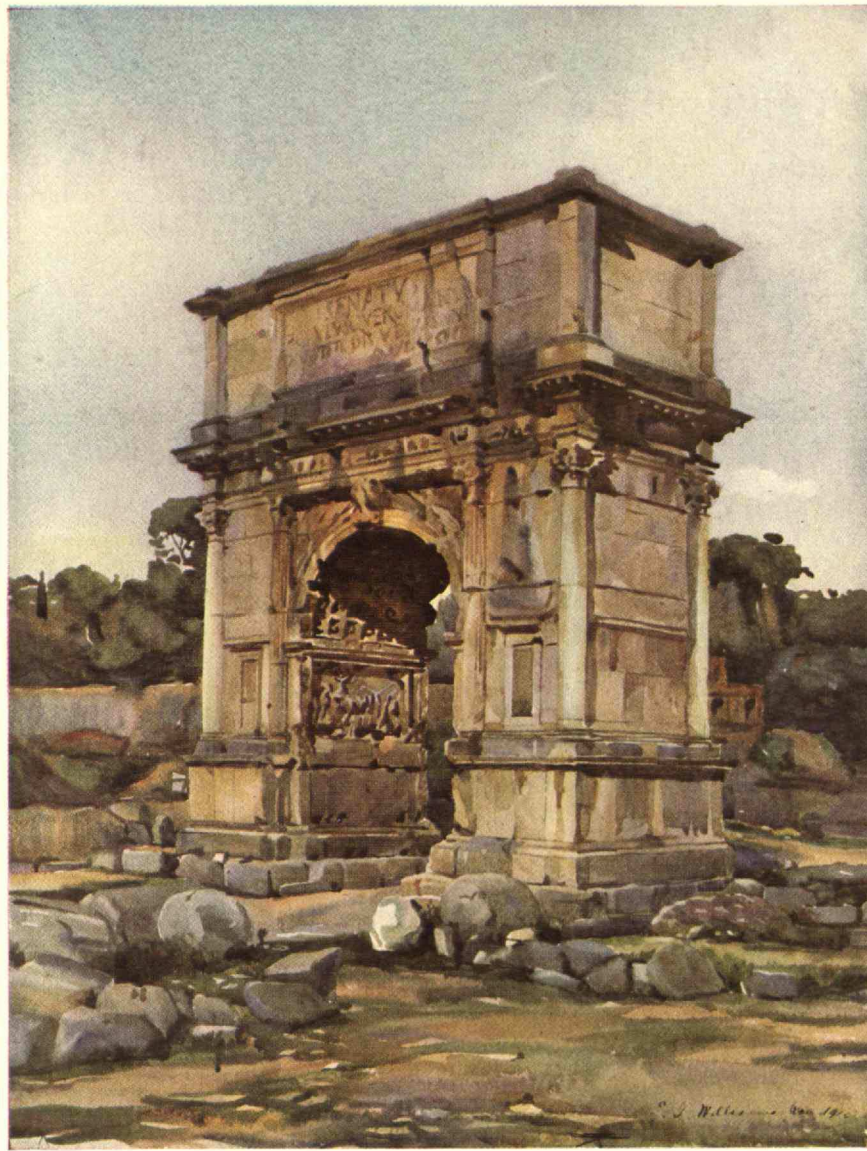


# THE TECHNOLOGY REVIEW

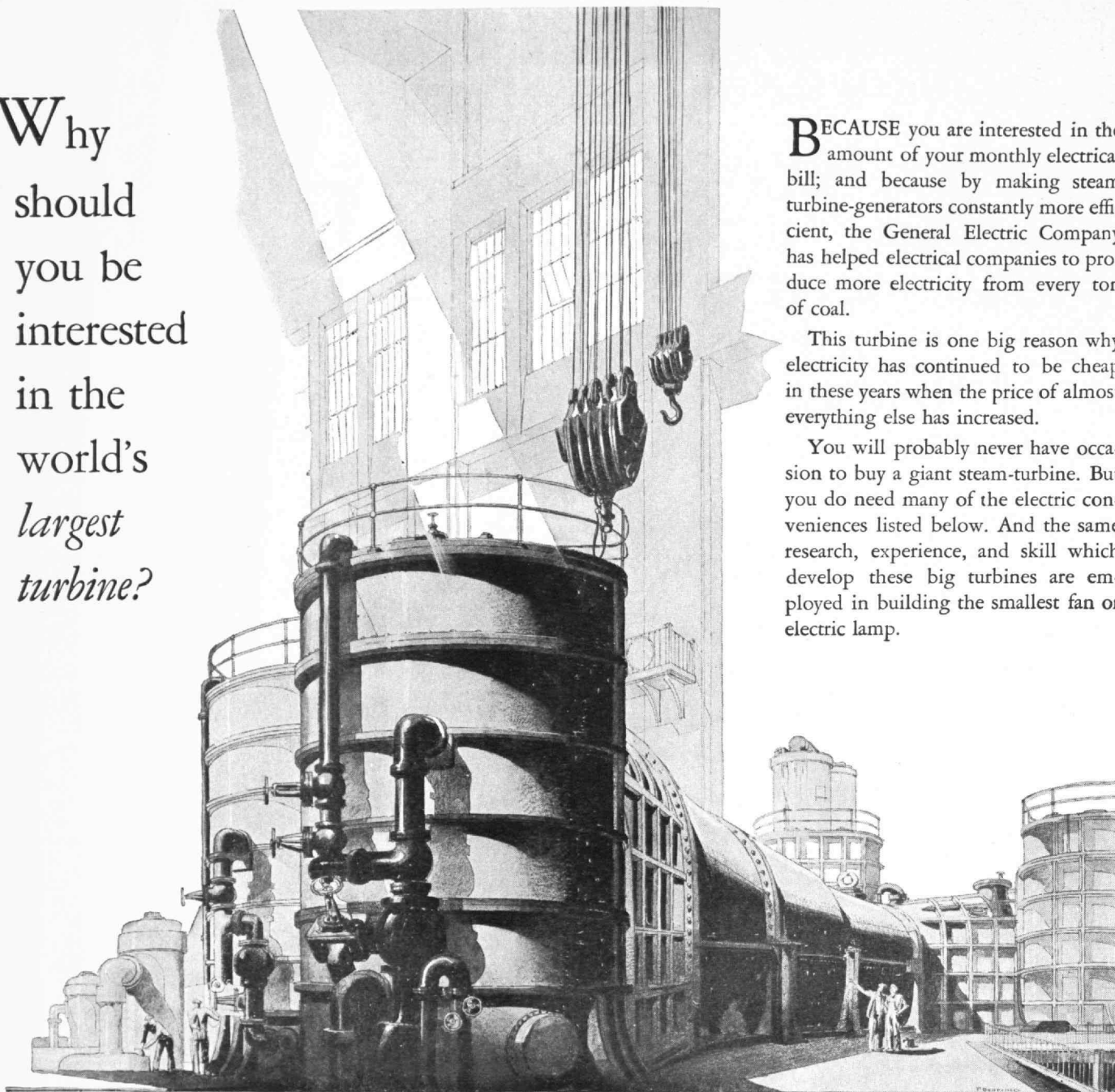


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# The TECHNOLOGY REVIEW

*Relating to the Massachusetts Institute of Technology*

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## THE TABULAR VIEW

DR. NORBERT WIENER'S theses in his article "Mathematics and Art" may aptly be applied to himself, for his great gifts as a mathematician are obviously paralleled by a singularly acute apprehension of the fundamental aspects of beauty in all art. As Henri Poincaré (1854-1912) once wrote, "Above all, adepts find in mathematics delights analogous to those that paintings and music give. They admire the delicate harmony of numbers and of forms: they are amazed when a new discovery discloses for them an unlooked for perspective, and the joy they thus experience, has it not the aesthetic character although the senses take no part in it? Only the privileged few are called to enjoy it fully, but is it not so with all the noblest arts?" Dr. Wiener is one of the privileged few. He will be remembered by Review readers for his commentary on the mathematics of S. S. Van Dine's "Bishop Murder Case" in the March, 1929, issue and for his article "Einsteiniana" in the May, 1929, issue.

THOMAS C. DESMOND, '09, (A.B. *magna cum laude*, Harvard '08) who contributes "South America in 1929," is President of the New York firm of T. C. Desmond and Company, Engineers. In addition to his professional work, he has actively participated in public affairs: in 1916 he was national Treasurer of the Roosevelt Non-Partisan League; for many years he has been President of the New York Young Men's Republican Club; and in 1928 he was a delegate to the Republican National Convention. He has also been a member of various housing commissions and is at the present time a director of the Murray Hill Trust Company. His wide experience, therefore, enabled him during his South American trip to view with an observant and searching eye the social, economic, and political aspects of the Latin countries.

JOHN R. FREEMAN, '76, has long been a leader in New England industrial life and he is internationally noted as an hydraulic engineer. His great ability is reflected in the four honorary Doctor of Science degrees which he has been awarded respectively by Brown, Tufts, *Sachs Technische Hochschule*, and the University of Pennsylvania. He assisted as a consultant in the construction of the Panama Canal, was in charge of the flood control developments on the Yellow River in China, and at present he is a member of the Engineering Council's Mississippi Flood Control Committee. He will be remembered for his article in The Review for December, 1927, entitled "Needed: More Science in Flood Control." The article in this issue is derived from the paper he presented at the World Engineering Congress meeting in Tokio during November, 1929.

ENGINEERING METHODS are most essential for the solution of complicated problems in industrial management. The Institute's Department of Economics, recognizing this, has initiated research work to evolve engineering and mathematical treatment of management problems in such a way that they can be applied by men in industry. The article on (Continued on page 126)

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## THE TABULAR VIEW

(Concluded from page 125)

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page 139 is a general exposition of one phase of this research: the determining of economic production quantities. Assistant Professor Fairfield E. Raymond, its author, has been engaged in this work for several years and has made significant contributions to the science of scheduling production. Professor Raymond received his Bachelor of Arts from Harvard in 1918 and his Bachelor of Science from the Institute in 1921. ☞ L. MAGRUDER PASSANO, Associate Professor of Mathematics at the Institute, is a frequent contributor to the department "Books." Those who have heard Professor Passano at the famous round table in the Institute's Faculty Dining Room will see reflected in his reviews his trenchant but withal merry observations on cabbages and kings. ☞ No recent book interpreting the meaning of modern science has conferred so much *éclat* upon its author as "The Nature of the Physical World" by ARTHUR S. EDDINGTON. Readers who found that book stimulating will be equally interested in an extension of it, "Science and the Unseen World." For a commentary on this Dr. WIENER was again commandeered as the man best qualified to do the job. (*Vide supra*.)

THE COLOR REPRODUCTION on the cover was reproduced from a water color, "The Arch of Titus," executed by EDGAR I. WILLIAMS, '08, in 1914. It is in the possession of the Institute's Department of Architecture. Mr. Williams is a practising architect in New York and is exceptionally gifted as a water colorist. Another study of his will be reproduced on the cover of a subsequent issue.

EDITORIAL FILES in The Review Office are well stocked with contributions for succeeding issues. There will be a series of articles on the history of science, a fertile field that has never really been plowed adequately. Among these are an article on the development of the physical sciences in America by DR. JOSEPH MAYER and a fetching account of the career of Count Rumford by RICHARD W. HALE, '91. DONALD C. STOCKBARGER, '19, who contributed to the November, 1928, issue the now famous article "Check the Sun Bath," will be represented soon again by "Adventures in Radiation." From FREDERIC H. FAY, '93, has been obtained an abstract of an important and informative paper delivered by him before the American Society of Civil Engineers on the engineering development of Metropolitan Boston. ASA W. K. BILLINGS, JR., '26, will contribute an article on modern architecture, particularly that exemplified in Germany and Holland. There will also be articles on modern problems in ventilation, particularly on the possibility of scientifically ventilating and humidifying the small home. These will be followed by a paper on the contributions of science and engineering to domestic comfort.



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