this arrangement wards have exposure on both sides and each room has an outside exposure. It is completely air conditioned.

Acoustical treatment has been applied to all corridors, lobbies, utility rooms, diet kitchen and in any other place where excessive noise may be a disturbing factor.

The entire building is being wired for radio reception. A central unit will control reception and has a four-channel outlet to each part of the building. For the present, however, these channels are only being wired for two programs. The other two can be wired later at nominal cost. In the wards there are speakers attached to the ceiling, one speaker for each eight beds. Individual rooms will have individual speakers. The volume of the radio can be controlled at the central receiving station and each individual unit can be controlled in the wing itself.

THE MEETING OF MATHEMATICIANS AT BATON ROUGE

THE forty-seventh annual meeting of the American Mathematical Society will be held at the Louisiana State University, Baton Rouge, La., from December 30 to January 1, in conjunction with meetings of the Mathematical Association of America and the National Council of Teachers of Mathematics.

The sessions of the society will begin on Monday afternoon and will continue through Wednesday afternoon. The regular sessions of the Mathematical Association will be held on Thursday morning and afternoon. A joint session of the Mathematical Association and the National Council is scheduled for Wednesday morning. Other sessions of the National Council will be held on Monday and Tuesday.

The Board of Trustees will meet at 6 P.M. on Monday and the Council of the Society will meet at 8 P.M.

The annual business meeting and election of officers will be held on Tuesday evening. Following this, Professor G. C. Evans will deliver the retiring presidential address on "Surfaces of Minimum Capacity."

By invitation of the program committee, Professor Saunders MacLane and Dr. Leo Zippin will deliver addresses. Professor MacLane's title is "Extensions of Groups" and Dr. Zippin's, "Topology of Rigid Motions."

An excursion to St. Francisville and its environs to visit some of the old colonial residences is planned for Tuesday afternoon. Other alternative excursions may be planned later.

A joint dinner of the three mathematical organizations is planned for Wednesday evening.

AWARD OF THE MEDALS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

DR. CHARLES F. KETTERING, vice-president and director of General Motors Corporation and general director of General Motors Research Laboratories, received the American Society of Mechanical Engineers Medal, presented annually for distinguished service in engineering and science, on December 4. The presentation was made by Warren H. McBryde, national president of the society, at the annual dinner and honors night.

The award has been made to Dr. Kettering in recognition of his outstanding achievements as engineer, inventor and manufacturer. He invented and perfected the automobile self-starter and the Delco lighting system for farms and as a portable source of power. He is also largely responsible for many engine improvements and, most recently, for the development of improved Diesel engines for trains and ships. Dr. Kettering is patentee or co-patentee of about 140 inventions.

Edwin H. Armstrong, professor of electrical engineering at Columbia University and pioneer in the field of "frequency modulation" and other radio circuits, received the Holley Medal.

Dr. Armstrong has long been a leader in the development of radio communication. He was first to make practical use of the three-electrode tube for generating continuous electric waves which make radio broadcasting feasible; and invented the widely used superheterodyne receiving circuit. His most recent work has been in the new field of his own invention, FM or "frequency modulation" radio broadcasting, which has made practicable the avoiding of static nuisances, as well as decreasing danger due to lightning.

The Holley Medal is presented periodically for distinguished service in engineering and science. It is named for the late Alexander Lyman Holley, chairman of the meeting on February 16, 1880, at which preliminary plans for the organization of the society were discussed. It was endowed by George I. Rockwood, who recently retired as president of the Rockwood Sprinkler Company of Massachusetts.

The Melville Medal for original engineering work was presented to Carl A. W. Brandt, chief engineer of the Superheater Company, New York, for his paper on "The Locomotive Boiler."

Mr. Brandt was born in Stockholm in 1881, studied mechanical engineering at the Technical College there, and obtained his early engineering experience with the Swedish Government Railways and the Sweden Atlas Locomotive Works. He was with the New York Central Lines from 1902 to 1916, becoming mechanical engineer and master mechanic of the Cleveland, Cincinnati, Chicago and St. Louis Railway in 1910. He joined the Superheater Company as chief engineer in 1916, where he is now in charge of the development and design of locomotive equipment, including superheaters and feedwater heaters, in addition to similar apparatus for stationary power plants.