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obituaries

which he was able to express himself. His many friends all over the world will deeply miss his kind and noble personality.

AAGE BOHR
Niels Bohr Institute
Copenhagen, Denmark

Adolfas Jucys

The sudden death of Adolfas Jucys in his 70th year, on 4 February, deprives theoretical physics of an important and singular figure.

An atomic-structure physicist, proud of having worked with both Douglas R. Hartree in England and with V. A. Fock in Leningrad, Jucys developed single-handedly an important school of theoretical physics in Vilnius, Lithuania. This development went largely unnoticed in the West until social and geographical isolation were overcome in the 1960's, initially through the translation of some major works from that school. A quirk of double transliteration—into Cyrillic and back into roman—often changed Jucys's name to its more nearly phonetic version, Yutsis.

The work from Vilnius enriched and extended the applications of Racah algebra, particularly through the invention of now familiar diagrams related to those of Richard Feynman. Many novel aspects of atomic theory were elucidated by Jucys and collaborators in a long series of papers and in several books.

As travel to and from Vilnius eased again, many of us visited there—finding a most friendly, witty and gentle hospitality—and many of us had the privilege of receiving him as a lecturer and guest. His depth of understanding, his guidance to many and his high scientific integrity made him a universally respected and beloved scientist.

UGO FANO, CHAIRMAN
Department of Physics
University of Chicago

Arthur J. M. Johnson

Arthur J. M. Johnson, professor emeritus of physics at Montana State University, died on 10 March 1974 in Bozeman, Montana.

Johnson was born on 18 February 1900 in Bayard, Nebraska. He graduated from Nebraska Wesleyan University in 1924, where he was a member of Phi Kappa Phi. He earned his MS and PhD degrees, the latter in 1928, from the State University of Iowa, working in the field of x-ray spectroscopy.

He taught at George Washington University for two years before coming to Montana State University (then Montana State College) in 1930 as professor of physics and head of the physics department. He served as department head until 1961 and retired from the faculty in 1968 after 38 years of service. On the occasion of his retirement, his colleagues and former students established an annual prize for physics students known as the Arthur J. M. Johnson Physics Award. A memorial scholarship fund is now being established.

During World War II, in addition to his academic duties, Johnson was the civilian coordinator for the Army Air Corps training program at Montana State University, as well as a consul-



JOHNSON

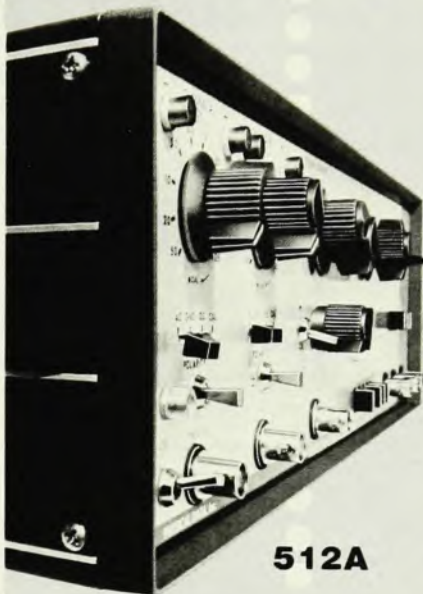
tant to war industries. He served on the Montana Aeronautics Commission from 1946 until 1951.

Johnson's arrival at Montana State University marked the beginning of a long era of growth and professional development in the physics department. He was known to generations of students for his stimulating classes, his warm sense of humor and his sincere interest in students. Former students frequently visited and corresponded with him, and he seemed to remember every one of them. His high expectations of students, which were mostly fulfilled, motivated a substantial number of the physics graduates to go on for advanced work. Arthur J. M. Johnson will be long remembered by all who knew him for his professional dedication, his service to the students and the people of the state of Montana, and his many fine personal qualities.

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