



James W. Nilsson

M.S., Electrical Engineering, 1952; Ph.D., 1958

James W. Nilsson served in World War II before attending ISU, where as a faculty member he taught electrical engineering coursework for nearly four decades. One of the most prominent and celebrated teachers in the department's history, Nilsson often used computers to create animated models of solutions of equations as teaching aids in his courses. An IEEE Fellow, Nilsson earned the prestigious IEEE Undergraduate Teaching Award. He wrote several textbooks. His classic textbook, *Electric Circuits*, was one of the most widely adopted books in the field for well over two decades. He received the McGraw-Hill/Jacob Millman Award and the Standard Oil Outstanding Teaching Award.

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