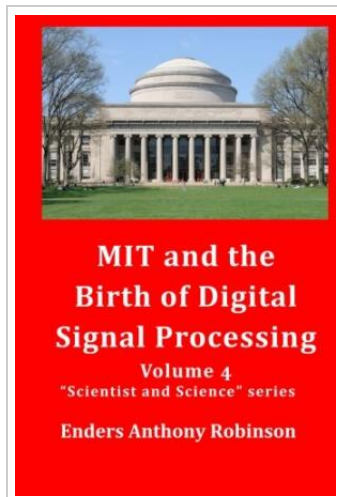



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Mit and the Birth of Digital Signal Processing

By Enders Anthony Robinson

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.In the late 1950s, the first transistorized digital computers were manufactured. As a result, the decade of the 1960s saw the conversion of the oil exploration industry from analog filtering to digital signal processing. Digital signal processing and deconvolution made it possible to explore successfully in all areas of the Earth including the areas under the seas. Deconvolution requires massive parallel processing. The computer industry accommodated and developed special-purpose digital signal processing (DSP) computers, which at the time were called array processors (also known as vector processors). As time went on, these DSP computers were replaced by microchips, as were all digital computers. In 1986 the National Academy of Engineering (NAE) of the United States of America elected Enders Robinson as member with the citation: For pioneering contributions that have led to the evolution of seismic processing from hand digitization of the 1950s to today's custom deconvolution chip. The hand digitization of the 1950s was the forerunner of what was to come. Practically all communications today are done with digital data. The telephone is digital, the television...



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