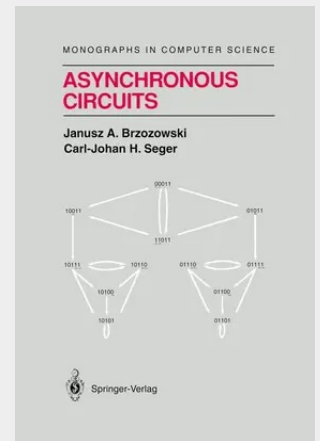


Asynchronous Circuits

Although asynchronous circuits date back to the early 1950s most of the digital circuits in use today are synchronous because, traditionally, asynchronous circuits have been viewed as difficult to understand and design. In recent years, however, there has been a great surge of interest in asynchronous circuits, largely through the development of new asynchronous design methodologies.

This book provides a comprehensive theory of asynchronous circuits, including modelling, analysis, simulation, specification, verification, and an introduction to their design. It is based on courses given to graduate students and will be suitable for computer scientists and engineers involved in the research and development of asynchronous designs.

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