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8.2 THE BEHAVIOURAL STYLE OF DESCRIPTION: THE SEQUENTIAL BLOCK

Sommario/riassunto

As digital circuit elements decrease in physical size, resulting in increasingly complex systems, a basic logic model that can be used in the control and design of a range of semiconductor devices is vital. Finite State Machines (FSM) have numerous advantages; they can be applied to many areas (including motor control, and signal and serial data identification to name a few) and they use less logic than their alternatives, leading to the development of faster digital hardware systems. This clear and logical book presents a range of novel techniques for the rapid and reliable design of digit