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Multicore Processors and Systems

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- Provides a comprehensive overview of emerging multicore processors and systems
- Covers technology trends affecting multicores, multicore architecture innovations, multicore software innovations, and case studies of state-of-the-art commercial multicore systems
- Includes chapters on fundamental requirements for multicore systems, including processing, memory systems, and interconnect
- Contains case studies on commercial multicore systems that have recently been developed and deployed across multiple application domains
- Focuses on innovative multicore execution models as well as infrastructure for multicores, including memory systems and on-chip interconnections in the architecture chapters

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