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1. Introduction to Advanced Computer Architecture and Parallel Processing 1 1.1 Four Decades of Computing 2 1.2 Flynn's Taxonomy of Computer Architecture 4 1.3 SIMD Architecture 5 1.4 MIMD Architecture 6 1.5 Interconnection Networks 11 1.6 Chapter Summary 15 Problems 16 References 17 2. Multiprocessors Interconnection Networks 19

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### **Advanced Telecommunications Computing Architecture - Wikipedia**

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### **Computer architecture - Wikipedia**

Advanced Computer Architecture & Computing. S.S. Jadhav. Technical Publications, 2008 - 451 pages. 1 Review. Overview of parallel processing and pipelining processing Necessity of high performance, Constraints of conventional architecture, Parallelism in uniprocessor system, Evolution of parallel processors, future trends, Architectural ...

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