Introduction To Parallel Computing From Algorithms To Programming On State Of The Art Platforms Undergraduate Topics In Computer Science English Edition By Roman Trobec Bo Tjan Slivnik Patricio Buli Borut Robi

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'**parallel speedup parallel puting concepts**

May 16th, 2020 - introduction the speedup of a parallel algorithm over a corresponding sequential algorithm is the ratio of the pute time for the sequential algorithm to the time for the parallel algorithm if the speedup factor is n then we say we have n fold speedup for example if a sequential algorithm requires 10 min of pute time and a corresponding parallel algorithm requires 2 min we say'

'parallel algorithms
May 29th, 2020 - introduction the subject of this chapter is the design and analysis of parallel algorithms most of today s algorithms are sequential that is they specify a sequence of steps in which each step consists of a single operation these algorithms are well suited to today s puters which basically perform operations in a sequential fashion''*algorithms and parallel puting*
*February 1st, 2020 - contents preface xiii list of acronyms xix 1 introduction 1 1 1 introduction 1 1 2 toward automating parallel programming 2 1 3 algorithms 4 1 4 parallel puting design considerations 12 1 5 parallel algorithms and parallel architectures 13 1 6 relating parallel algorithm and parallel architecture 14 1 7 implementation of algorithms a two sided problem 14''***algorithms and parallel puting networking general**
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