A SURVEY OF RECENT TRENDS IN IMPROVEMENT OF MULTI CORE PROCESSORS PERFORMANCE

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Abstract

In the present day's scenario processor performance is of highest interest to the end users as well all the chip manufacturers are coming out with Multi core processors also known as Chip Multi Processors(CMP) with increased number of cores year after year i.e. Dual core, Quad core ,Oct core and so on. In this paper we concentrate on a detailed discussion on how to improve the processor performance. Our major concern is on different Prefetching techniques for speedup and efficient use of the resources (cores) of a Multi core processor. We also brief on limitations for Speedup of Multi core processors.