Abstract

Multi-Processor interconnection with varying speed is a great attempt in massive parallel processors. Such types of distributed cluster along with heterogeneous behavior will require vast amount of scheduling efforts. Complexity increases as scheduler has to detect dynamic characteristics of the processors. Parallel schedulers are implemented in cluster technology for job assignment and placement. Further, core processor technology will provide a greater endeavor for load balancing. This research covers heterogeneous multi-processors with 2-D mesh interconnection mapped to cube oriented memory mesh for job allocation and distribution. The job distribution will be based upon processor cycle speed. A two dimensional job slice is build, which in later stages along with many other slices overlapped to exhibit memory cube.
Efficiency Measurement for Effective Stress Management in Heterogeneous 2-D Mesh Processor

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Index Terms

Computer Science Distributed System

Keywords

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Stress Management.