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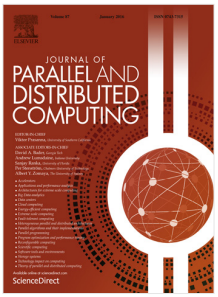

Hybrid multi-core CPU and GPU-based B&B approaches for the blocking job shop scheduling problem.

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***Highlights (for review)**

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In this paper, we propose several parallelization schemes having different parallelization levels that exploit both the CPU and the GPU at the same time leading to increase the GPU occupation over time i.e. at each time several CPU processes can use the GPU at the same time while others exploit the CPU and yet others perform data transfer between CPU and the GPU which allows us to achieve a good relative speed-up.

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