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A Hybrid Metaheuristic for Resource-Constrained Project Scheduling with Flexible Resource Profiles

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**Highlights**

- We propose a hybrid metaheuristic for the resource-constrained project scheduling problem with flexible resource profiles.
- It embeds a novel schedule generation scheme into a genetic algorithm.
- Schedules are improved in a variable neighborhood search by transferring resources.
- Hybrid metaheuristic yields significantly better results than benchmark methods.
- Near-optimal schedules are generated in short computation time.

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