HEURISTIC PROCEDURES FOR PROBABILISTIC PROJECT SCHEDULING

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ABSTRACT
In this paper we analyze the resource-constrained project scheduling problem under uncertainty. Project activities are assumed to have known deterministic renewable resource requirements and probabilistic activity durations described by random variables with a given density function. We develop heuristic algorithms for building a schedule with protected starting times, obtained using a buffering mechanism guided by probabilistic information.

Keywords: Stochastic project scheduling.
7. REFERENCES


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