

عنوان مقاله:

Optimized Resource Allocation in Construction Projects Using LOB Scheduling

محل انتشار:

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خلاصه مقاله:

The substantial factor in the Line of Balance (LOB) Scheduling is repetitive characteristic of activities. Learning phenomenon in projects with repetitive characteristics causes increment in crew's performance and therefore in the rate of production of activities. In many projects, such as road construction, one crew participates in more than one activity, through the project term. To make the balanced schedule, required work hours of common crews varies in all units because of learning phenomenon. In this paper by establishing a balanced schedule, a method for optimized resource estimation and allocation in road construction project is developed.

کلمات کلیدی:

Optimized resource allocation, LOB scheduling, Road construction project, Learning phenomenon

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