

عنوان مقاله:

A multi-criteria decision making model for selecting estimating method in project scheduling

محل انتشار:

پنجمین کنفرانس بین المللی مدیریت پروژه (سال: 1388)

تعداد صفحات اصل مقاله: 9

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خلاصه مقاله:

Project scheduling is a difficult work when one takes into account the complexity, uncertainties and large number of activities involved. Estimating of activity duration, resources, costs and etc. is one of important predecessor for project scheduling. There are some variant methods for estimating. This study presents a model for supporting project planning team to select an efficient and effective method. The model is built as a multiple criteria decision making (MCDM) model based on TOPSIS approach. To define weights of criteria AHP method is used. To demonstrate the model proposed three types of project is solved. As a result, with using this model, project planning team can increase the performance of scheduling particularly in a complex projects.

کلمات کلیدی:

Project, Scheduling, Estimation, Multi-criteria, TOPSIS

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