Building A Fuzzy Reasoning Model To Estimate Effect Of Change Order On Syrian Construction Projects^{*}

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Abstract

Construction projects in syria face many changes. Therefore, there have to be recognized effects on project cost. This requires determining change factors. which assist in estimating cost increasing range as a result of changes.

Traditional estimations of these vague factors increase doubts about these estimates, further preventing. Accurate evaluation of project cost increment. So, evaluation of these factors was carried out using a fuzzy estimation.

This model has shown a decreased doubt of factors evaluation and more accurate estimation of project cost after change

Keywords: change order, change factors, construction project cost, fuzzy logic, fuzzy reasoning model.

^{*} For the paper in Arabic see pages (77-92).

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