퍼지를 적용한 설비보수의 최적 일정 결정

(Optimal Schedule of Facility Maintenance with Fuzzy Application)

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Abstract

In this Paper, we try to search optimal Schedule of Facility Maintenance with Fuzzy Application. Optimal Schedule of Facility Maintenance means minimum Maintenance Cost which are composed corrective Maintenance cost and preventive Maintenance cost. Until now, Optimal Schedule of Facility Maintenance are calculated with possibility which are got by Facility History Book. The possibility are not verified on Precision special new Facility. In this paper, we consider both Facility History Book and Expert Knowledge which express Fuzzy Application. Although we don't prove better Solution by mathematical, but one know this method considered possibility and Expert Knowledge better than other method considered only possibility. We give numerical example.

Key Words : Optimal Schedule of Facility Maintenance, Fuzzy Application, Facility History Book, Expert Knowledge