

بيانات عن بحث (٧) مقدم للترقية

عنوان البحث (باللغة التي نشر بها) :

Analysis The Behavior of Multi layers Slabs Under Different Parametric Study

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ملخص البحث باللغة الانجليزية

Analysis The Behavior of Multi layers Slabs Under Different Parametric Study

The purpose of this research is to examine the effect of different parametric study such as interface surface between layers, the location of layers in compression or tension zone as well as the effect of compressive strength of the different layers on the behavior of simply supported slabs. A commercial non linear finite element program, such as "ANSYS version 12" was used to study the previous slabs. A comparison was made between the slab which was casted as one layer and to that slabs which were cast in multi layers with different parametric study. the study showed that the results which obtained from analysis on multi layer slabs of different parametric study has an important effect on the flexural behavior of slabs.