

## عنوان مقاله:

Impact of Energy Dampers in Improvement of Impulsive Response of Double Layer Grids Space Structures

## محل انتشار:

مجله بین المللی طراحی پیشرفته و تکنولوژی ساخت, دوره 10, شماره 4 (سال: 1396)

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## خلاصه مقاله:

The main purpose of the study is to evaluate the effectiveness of these dead-points mono laterally in controlling the space location of the structures against the explosion loading in this regard. For the reason, nonlinear dynamical analyses on three kinds of structures under two layers' space location with two dead-points of FLD (Force Limiting Device) and TID (Tube Inversion Device) and without dead-point for explosion loading have been carried out and the related results were compared together in this case. For the related analysis, ABAQUS/Explicit software has been applied efficiently. This study shows that the destructor of inversed energy of the TID has an influential impact on the .reduction of the displacement in this case

## کلمات کلیدی:

Double layer grids (DLGS), Energy dampers, Force limiting device, Tube inversion device

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1197989>

