

عنوان مقاله:

Structures under controlled motion

محل انتشار:

دومین کنفرانس بین المللی و ششمین کنفرانس ملی زلزله و سازه (سال: 1394)

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خلاصه مقاله:

Controlled motion may be a convenient feature of a structure during its construction or even in its service phase. This paper shows three cases of structures in which movement plays an important role. The two first examples (a medium span bridge and a roof) show how motion contributes to a successful construction process. The third one, a solar tracking device, exemplifies a structure designed for continuous motion. Special aspects of the design, construction process and monitoring are shown in each case.

کلمات کلیدی:

controlled motion, Pantadome system, medium span bridge, solar tracker

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