عنوان فارسی مقاله:

ساختن‌های چند طبقه و چند بی‌bay (با کفپوش های کامپوزیتی)

عرشه‌ فولادی تحت بارهای ناشی از انسان: موضوع رفاه انسان

عنوان انگلیسی مقاله:

Multi-storey, multi-bay buildings with composite steel-deck floors under human-induced loads: The human comfort issue

توجه!

این فایل تنها قسمتی از ترجمه می‌باشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
7. Conclusions

This paper contributed to the evaluation of the structural behaviour of composite floors subjected to dynamic excitations induced by human rhythmic activities. The investigation was conducted based on a more realistic load model incorporating the phase coefficient variation CD and considering a certain number of individuals, later extrapolated for a larger number of people.

In this particular load model, the dynamic actions generated by human rhythmic activities, such as jumping, aerobics, and dancing, were investigated based on the results achieved through a long series of experimental tests with individuals performing rhythmic and non-rhythmic activities.