

**THE CYPRUS SEISMIC CODE :
WHICH STRUCTURES DOES IT INFLUENCE MORE ?**

by

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PROJECT REPORT

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SUMMARY

This project deals with the study of seismic vibration and the basic concepts of dynamic analysis of a single degree of freedom system.

Also it deals with the study of the response spectrum of the potential Cyprus earthquakes specified in the Cyprus Seismic code.

This project generates the equivalent lateral forces of applicable combinations of short/tall and stiff/flexible plane frames according to the Cyprus code.

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