ABSTRACT

The effective style and therefore the construction of earthquake resistant structures have a lot of larger importance in all over the planet. During this paper, the earthquake response of symmetric high-rise building is studied by manual calculation and with the assistance of ETABS nine.7.1 software. The strategy includes seismic constant methodology as counseled by IS 1893:2002. The responses obtained by manual analysis additionally as by soft computing square measure compared.

This paper provides complete guide line for manual additionally package manual additionally package analysis of seismic constant method.

Index Terms—earthquake, manual calculation, ETABS 9.7.1, IS 1893:2002