

ABSTRACT

The present invention relates to a damping structure in which an elastoplastic damper and a viscoelastic
5 damper are integrated into one body, so that it can be used for a brace and a stud in an anti-earthquake building. The damping structure is characterized in that: a steel central axis force member 1 is covered with a damping member 3; an outside of the damping member 3 is
10 covered with a first steel anti-buckling member 2a; the first steel anti-buckling member 2a is covered with the damping member 3; an outside of the damping member 3 is covered with a second steel anti-buckling member 2b; one end of the first steel anti-buckling member 2a and one
15 end of the steel central axis force member 1 are fixed to each other; one end of the second steel anti-buckling member 2b and the other end of the steel central axis force member 1 are fixed to each other; and the first steel anti-buckling member 2a and the second steel anti-
20 buckling member 2b are viscoelastically integrated with the damping member 3. Therefore, it is possible to provide a damping structure, the manufacturing cost of which is low and the damping effect of which is high with respect to a large, a medium and a small earthquake.