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Purpose of Research

Develop a new vibration control system to solve problems with methods used when reinforcing buildings based on old earthquake standards.



The oil damper with a spring is a new vibration control damper that combines an oil damper for building vibration control and visco-elastic and highly damping materials.



Future Developments

We will examine the vibration characteristics and structural safety of the damper in order to apply it to actual buildings.

TOKYO UNIVERSITY OF SCIENCE Organization for Innovation and Social Collaboration

Damping force-displacement relationship

400

300