

## Practice and Enlightenment of Structural Design on Seismic Retrofit

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The main purpose of seismic retrofit is to improve the seismic resistant capacity of the building. Seismic retrofit design is desired to enhance the space quality or to create a new façade, besides to increase the earthquake resistance capacity. Therefore an idea and a suggestion from structural design viewpoint are necessary for the realization of the attractive seismic retrofit design. For many engineers, it does not feel charm in comparison with design a new building to work retrofit design.

The prize winner was concerned with various types of seismic retrofit designs as a structural engineer by the collaboration with many architects. He designed office buildings, commercial buildings, schools and other sort old aged buildings. Sometimes the appearance of the building was renovated by outer reinforcement, and the reinforcement was performed not to attract attention in the inside of the building at other time. He announced those activities in domestic and foreign technical magazines and conferences. He spoke charm and importance of the seismic retrofit design to many people by many lectures.

His activity brought up a dream of the seismic retrofit design and gave the hint that a structure engineer works on a seismic retrofit design positively.