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## ACTIVE CONTROL OF BUILDINGS SUBJECTED TO SEISMIC EXCITATIONS



Active Control of Buildings  
Subjected to Seismic  
Excitations  
Control System Design Using LQG Optimal Approach



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Control System Design Using LQG Optimal Approach | Problem of controlling the vibrations of the structures and thereby minimizing their damages due to earthquakes is becoming increasingly important. This has led to the use of active and passive energy dissipation devices and base isolation techniques in the structures. This book presents Linear Quadratic Gaussian approach to design active control system to perform vibration control of tall buildings undergoing seismic excitations. The motion...

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- Authored by Kumar, Anil
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