



An Analytical Estimation on Seismic Performance of 3 Story Construction with "Sugi" CLT Panels Depending on Connection Properties

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Summary:

In this paper, the relations between the load-deformation property of the CLT connections and the seismic performance of the 3 story CLT construction are analytically discussed. The static and the dynamic properties of the CLT connections led each from the static and the dynamic tests were obviously different, however the analytical results based on these properties were agree each with the results of the static and the dynamic tests proving the adequateness of estimated properties. The further study on the dynamic effects of CLT connections is necessary.

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http://schr.ws/hosted_files/wcte2014/5e/ABS237_Miyake_web.pdf