

**Method of Evaluating Stability During Earthquake and  
Design for Quakeproof Reinforcement for Masonry Walls**

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In this report, we proposed methods of evaluating stability and designing quakeproof reinforcements of masonry walls. A simple analyzing model that we already reported is applicable to these methods. When comparing the displacement as calculated by converting the experimental result that applied a model masonry wall to the size of prototype and the result of the analysis, it shows that it agreed. We applied this analysis method to the wall different with height and inclination, calculated displacements and executed a nomogram for the evaluation of stability and designing the reinforcements.