

Quasi-static shear-compression tests on stone masonry walls with plaster: Influence of load history and axial load ratio

Dataset

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This repository contains the results of six quasi-static cyclic shear-compression tests performed on single-leaf stone masonry walls made of limestone blocks and lime-based mortar joints. Of the six walls, four are tested under different axial load ratios, performing a cyclic load history with two cycles per increasing drift demand. Three are tested under the same axial load ratio but are subjected to different load histories, namely, one monotonic loading, one cyclic loading with two cycles per drift level and one cyclic loading with one hundred cycles per drift level.

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