

Plenarno (keynote) izlaganje u okviru 8. susreta Hrvatskog društva za mehaniku:

Chronicle of a Failure Foretold

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ABSTRACT

This presentation discusses plausible causes for the failure of a corner column in a 14-story moment-frame building in Tainan, Taiwan, during the Meinong Earthquake of February 6, 2017. It is concluded that the failure occurred because of the effect of discontinuous partition walls. Nevertheless, the analyses presented suggest that, in strong ground shaking, the column would have been subjected to excessive axial compression even in the absence of said walls.