

Stability of Unreinforced Masonry Under Compressive Load

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Abstract:

The buckling equation in the current issue of the Masonry Standards Joint Committee (MSJC) Code is discussed in detail. The limitations of the current equation are presented. Problems with the application of the equation to solid sections of unreinforced masonry are addressed and the lack of conservatism of the current equation for non-solid sections is documented. Recommendations are presented to satisfactorily address both of these limitations and issues.

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