

# Parametric Study of EWECS (Engineering Wood Encased Concrete- Steel) Columns Using 3D FE Modelling

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## PRIMARY SOURCES

- 1 R.A. Hawileh, A. Rahman, H. Tabatabai. "Nonlinear finite element analysis and modeling of a precast hybrid beam–column connection subjected to cyclic loads", *Applied Mathematical Modelling*, 2010  
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- 2 [dr.ntu.edu.sg](http://dr.ntu.edu.sg)  
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- 3 Fauzan, , and Hiroshi Kuramoto. "Seismic Performance of Composite EWECS Columns in New Hybrid Structural System", *Composite Construction in Steel and Concrete VI*, 2011.  
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