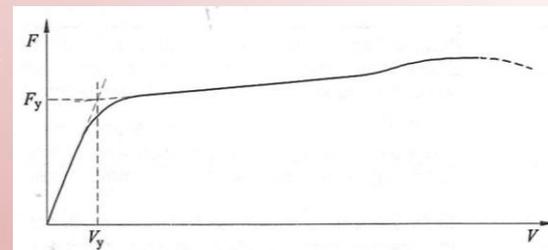


Shaking-table test  
(expensive, is it effective?)

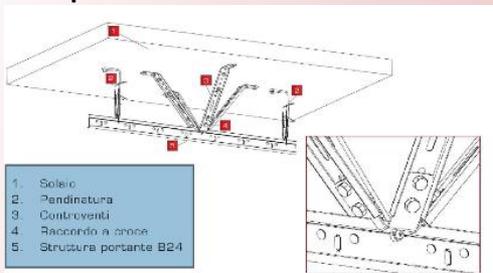


Pourali et al, 2015

Equivalent Push-over test



Test on single components

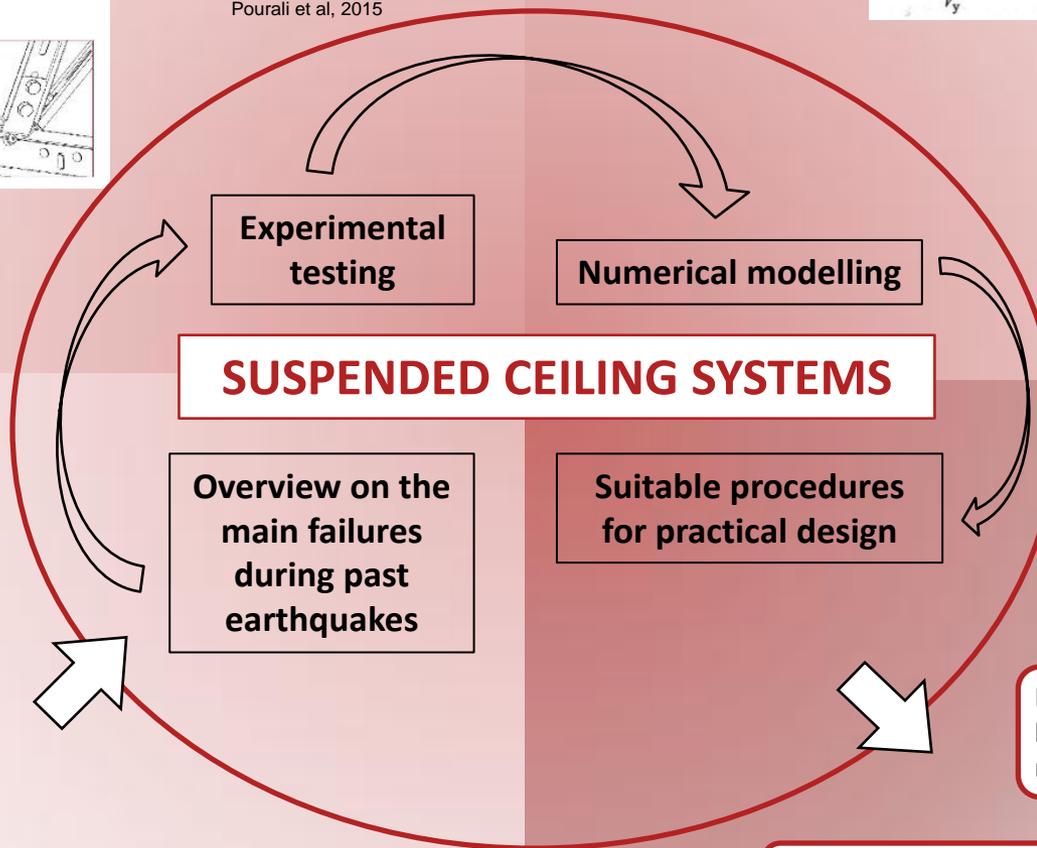


1. Solero
2. Pendinatura
3. Controventi
4. Racordo a croce
5. Struttura portante B24

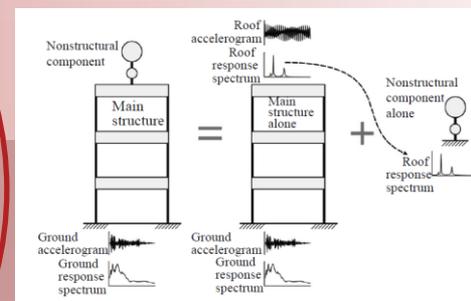
logna Prat, 2011

Standards and Codes:  
simplistic or qualitative  
approach

Limitation on buildings'  
functionality



“Cascading” approach analyses  
(e.g. Floor Response Spectrum method)



Filiatrault and Sullivan, 2014

How to consider interaction  
between structural systems and  
non-structural elements?

Economic losses

Injuries or death

Proposal of updates of  
Standards and Codes



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