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Seismic Design Aids for Nonlinear Analysis of Reinforced ... Seismic Design Aids for Nonlinear Pushover Analysis of Reinforced Concrete and Steel Bridges fills the need for a complete reference on pushover analysis for practicing engineers.

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Seismic Design Aids for Nonlinear Analysis of Reinforced ... Seismic Design Aids for Nonlinear Pushover Analysis of Reinforced Concrete and Steel Bridges. The nonlinear static monotonic analysis, or pushover analysis, has become a com- mon procedure in current structural engineering practice (ATC-40, 1996; FEMA- 273, 1997; FEMA-356, 2000).

Seismic Design Aids for Nonlinear Pushover Analysis of ... Seismic Design Aids for Nonlinear Analysis of Reinforced 4 nonlinear structural analysis for seismic design a guide for practicing engineers nist gcr 10-917-5 about the authors about the review panel. Seismic responses of two major components from both mainshock and ms-as sequences were monitored throughout the nonlinear time-history analysis.