



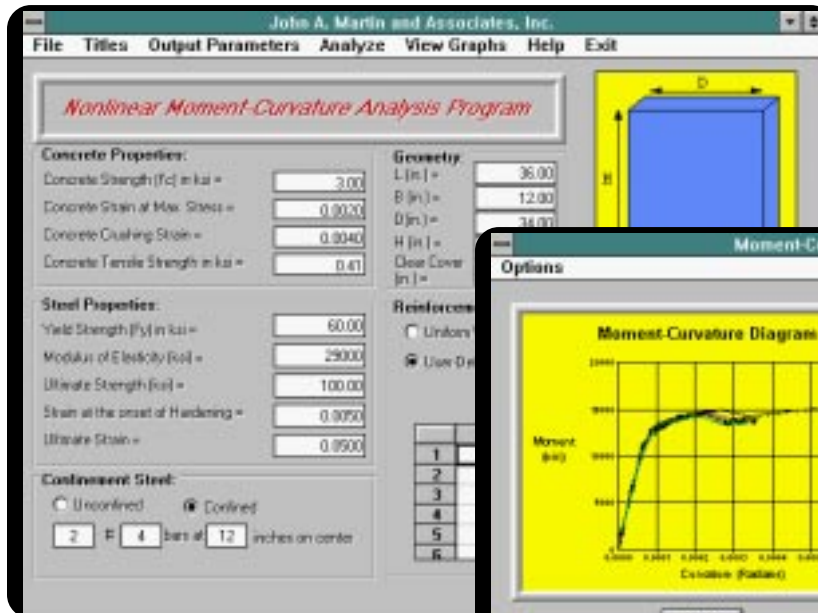
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Seismic Upgrade Software Series, 1995

INTERACTIVE NONLINEAR DISPLACEMENT-CAPACITY ANALYSIS SOFTWARE (INDAS)

Developed by our R&D staff for the exclusive use of our offices, INDAS is an innovative, interactive, and user-friendly computer program for nonlinear moment-curvature and drift-stiffness analysis of reinforced concrete and masonry elements. INDAS provides practical yet efficient and accurate means of assessing nonlinear characteristics of walls, beams, and columns. Once such information is obtained from INDAS, nonlinear displacement/ductility based design

information may be obtained by incorporation of this data in elastic analysis software such as ETABS or SAP90. Hence, the very complicated task of generation, verification, and application of nonlinear analysis data and software may be replaced by an



interactive application of designer friendly elastic analysis software.

INDAS is the newest addition to our unique suite of proprietary, in-house developed, structural analysis and design software systems and yet another reason why John A. Martin and Associates, Inc. represents more than 40 years of design excellence.