

Conclusion of Inelastic Response (IDS) is :

Conceptually the inelastic spectra method (IDS) uses an approach similar to DDBD, but in very different operationalities. Second the procedure of designing the structure of a yield deviation at the beginning of the process (in this case A.K. Chopra adapts JMN Priestley's approach), and then determine the limit of plastic rotation (or maximum displacement). The difference lies in the selection of the nonlinear system approximation method, where the IDS uses constant-ductility inelastic deformation spectra to determine the vibration period T_n , while DDBD uses a substitutive structure method to calculate T_{eff} (effective or equivalent vibration period). Operationally, the IDS procedure (A.K. Chopra) has not been specifically specified, and therefore requires an approximation calculation of yield curves from JMN Priestley. IDS Solutions (realistically) for large-scale structures (medium / high-rise building) will be very difficult if without a computer application program, mainly because the IDS requires modeling non-linear analysis (pushover capacity analysis) and calculation iteration for meet convergence of yield deviation. Most important parameters