

STRUCTURAL SYSTEMS MODELING



The modeling process in ETABS is based on the generalization that multi-story buildings regularly consist of identical or similar floor plans that are repeated in the vertical direction. Therefore, the following tools optimize the generation of analytical models and simulation of advanced seismic systems:

- Templates to define the global system and model local elements.
- Customized section geometry and constitutive behavior.
- Grouping of frame and shell objects.
- Assignment of links to model insulators, dampers, and other advanced seismic systems.
- Nonlinear hinge specification.
- Automatic meshing with manual options.
- Editing and tracing tools for plan, elevations, and 3D views.

