midas FEA NX

Advanced Nonlinear and Detail Analysis System

Excellent Result Display by Powerful Graphic Engine



CAD based Powerful Pre & Post Processors

Comprehensive Database of Material Fast Analysis optimized for 64-bit Platform

Models



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Application Areas

Plastic Analysis in Steel Connection

Examination of stress tolerance according to steel Von-mises model



Evaluation of Thermal Damage due to Fire

Evaluate the effect due to high temperature in case of fire in subway station



Sequential Verification in Concrete Structure

Construction stage analysis considering concrete shrinkage by temperature loads for 3D podium structure



Interface Nonlinear Analysis

Verification of curtain wall type concrete heat-dissipating wall



Heat of Hydration Analysis

Heat transfer analysis and thermal stress analysis considering creep & shrinkage

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Post-tensioning Slab Analysis

Maximum deflection and column axial force comparison according to the post-tensioning arrangement



Behavior of PC Columns in High-seismic Zone

Analysis of joint by cyclic load with nonlinear behavior of steel and concrete







High-end Analysis Capabilities

