

Web Update Enhancement List

Autodesk ROBOT Millennium 21.0

Improvements in Maintenance Pack 2 for version 21.0:

- General: formula for setting equivalent column rigidity KX, KY has been corrected.
- Loads: code combination factors for Spanish norm CTE for snow loads have been corrected.
- Analysis: conversion of dead load into mass in case of consistent mass matrix has been improved.
- Analysis: Ignoring of mass eccentricities in simplified dynamic analysis (spectral) has been fixed.
- Analysis: Calculations of spectral coefficients for seismic analysis according to French code (SPS) have been corrected.
- RC Design: definition of buckling length of bars for American code ACI318 has been unblocked.
- Steel connections: method of anchorage verification for column base according to French code CM66 has been corrected.
- Steel connections: method of alpha parameter calculation in gusset plates calculation according to Polish code PN has been improved.
- Steel connections: value of concrete load capacity during column base calculation according to French norm CM66 has been corrected.
- Steel member design: dialog box for definitions of adjoining bar parameters for testing mode of buckling factor has been improved.
- Steel member design: algorithm of length calculation of Joist type beam for beams divided into calculation elements has been improved.
- Steel member design: consideration of concentrated forces in web stability calculation has been improved.



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