Midas Gen & Design+ & GSD 2021 v1.3 Patch Release Note

Gen2021 v1.3

1. [NTC2018] When selecting the 'Approximate Method' of the ND design methods, the combined ratio of Elastic Bending Moment is modified not to be reviewed.

2. [Boundary Element] Correction of an error in which the length of the confined boundary element did not apply the customized value

3. [Shell Flexural Checking] Correction of an error in which the rebar arrangement information was not reflected in the legend.

4. [EC8/NTC2018] Modification of Calculation formula of the Stability Coefficient(Θ)
   [In case of Eurocode including NTC2018]
   Stability Coefficient(Θ)
   =(Vertical Load X Modified Story Drift) / (Story Shear Force X Scale Factor / Ie X Height)

5. [NTC2018] Improvement of M-phi calculation according to concrete yield strain adjustment

Design+2021 v1.3

1. Correction of an error that the anchor length was not reflected according to the material

2. [EC2 RC Column] Correction of an error in which the direction of the column was calculated in the opposite direction when calculating the minimum eccentricity

GSD 2021 v1.3

1. Improvement of M-phi calculation according to concrete yield strain adjustment

2. Correction of an error that the crack neutral axis was not considered when examining the crack width of concrete