

CivilFEM Class3 Error report

ERROR Number: SD2024001

BUG Number: CFM-199

First incorrect version: CivilFEM 2017 powered by Marc

Corrected in: CivilFEM 2024 powered by Marc

Description of Error:




When gravity load is applied to a model with pyramid elements (hybrid mesh) in combination with beam elements, the equivalent external nodal force contributions of the pyramid elements are incorrect, resulting in incorrect loading of the model.

Suggested User Action For Running on Uncorrected Version:

Do not use hybrid mesh if gravity load is applied and beam elements exists

Comments:

This was an error in Marc solver and correction is included in Marc 2024.1

23/07/2024 <div style="text-align: center;">  X </div> <hr style="border: 1px solid black; margin: 5px 0;"/> Corrected by Firmado por: Javier Carro	30/07/2024 <div style="text-align: center;">  X </div> <hr style="border: 1px solid black; margin: 5px 0;"/> Reviewed by Firmado por: Israel Cabañas
06/11/2024 <div style="text-align: center;">  X </div> <hr style="border: 1px solid black; margin: 5px 0;"/> Approval Firmado por: Hugo González	