

EXAMPLES AND COMPLETE CASE STUDIES

This part contains modeling examples for simple and more complex objects. They are presented as a complete or partial study or even a comparison of different models of the same structure.

If you happen to have an example that you wish to share with us of a complexity or paradox noticed on a part of a model, please send it to the following address: elements.finis@afgc.fr. (It could be a note about a real project rendered anonymously.)

Example A - Modelling a complex high-rise building

[Example A - Modelling a complex high-rise building](#)

Example B - Modelling of composite bridges

[Example B - Modelling of composite and steel bridges](#)

Example C - Modelling of beam grids

[Example C - Modelling of beam grids](#)

Example D - Simple example: modeling of a Br wheel

[Example D - Modelling of a Br wheel](#)

Example E - Transverse bending of a prestressed concrete box girder

[Example E - Transverse bending of a prestressed concrete box girder](#)

Example F - Dynamic calculations of tanks

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Example G - Cable-stayed bridges

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🔄Révision #4

★Créé 19 September 2023 14:46:36 par Paul Terrasson Duvernon

📅Mis à jour 10 October 2023 10:02:37 par Paul Terrasson Duvernon