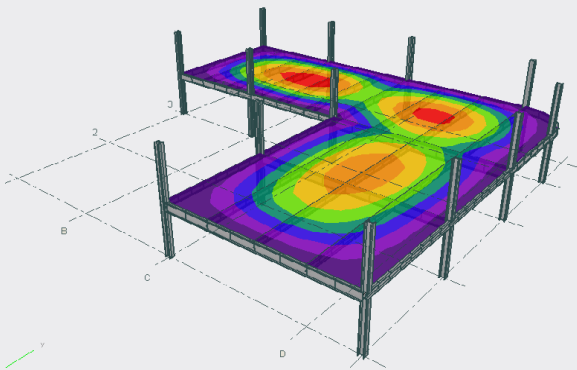




COMPREHENSIVE DESIGN AND ANALYSIS SOFTWARE



Available in four dynamic packages

GSA Analysis, GSA Building, GSA Bridge and GSA Suite enables engineers to find robust solutions for all design challenges. Structural engineers working on buildings, bridges and tensile structures need comprehensive software. Used on a wide range of projects worldwide, GSA is recognised globally as one of the most complete packages available.



Form finding

Powerful dynamic non-linear solver to form find optimal structural arrangement



Footfall induced vibration analysis

Developed by engineers at the forefront of this technique



Comprehensive Model Design

Design your structural analysis model with features such as steel member design



BIM Interoperability

BIM compatible with Integration to leading advanced modelling software



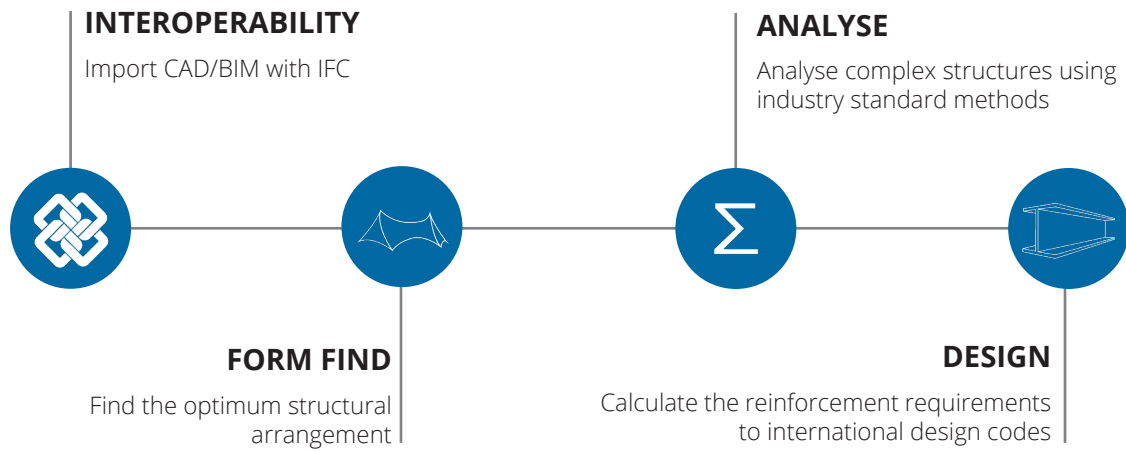
Soil-structure interaction

Analyse how your structure interacts with the ground for optimum design.



Nonlinear analysis

Dynamic relaxation method to analyse models that other programs will not touch



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GSA PACKAGES



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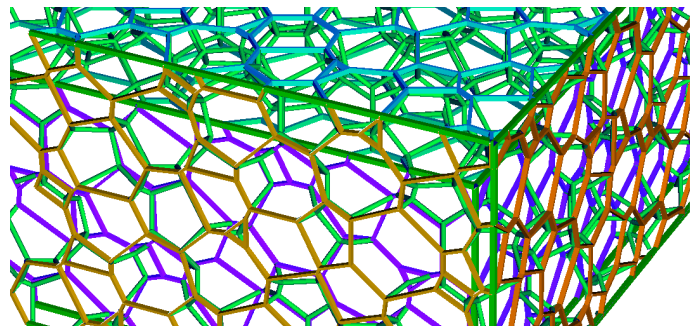
Working with GSA

GSA's easy-to-use interface and customer support mean you will be designing and analysing models in no time. A spreadsheet-friendly file format and smooth interaction with other tools make this software the perfect choice. GSA is BIM (Building Information Modelling) compatible and is designed to connect with a range of other leading software packages including Autodesk Revit.

Originally developed in-house at Arup, GSA has already proved its worth on projects such as 'The Water Cube' National Aquatics Centre in Beijing (right) and the New York Museum of Modern Art (MoMA).

GSA is available in four packages. GSA Analysis performs day-to-day analysis of engineering designs, GSA Bridge includes features such as automatic vehicle load optimisation and pedestrian footfall vibration, with GSA Building adding a host of additional features including footfall analysis and steel design. GSA Suite is our most comprehensive package, offering all of the above with form finding and fabric analysis for tensile and gridshell structures.

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