

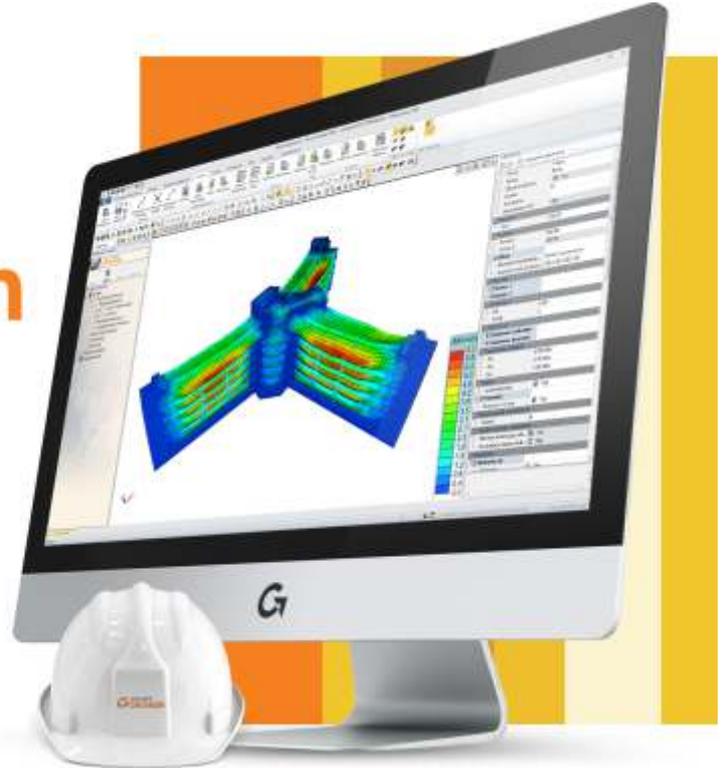


FEM CALCULATION PROGRAM

Advance Design

with BIM Designers module

A modern tool for design building constructions



ADVANCE DESIGN

An innovative program for analysis and design building constructions using FEM. Compliant solution with BIM technology and based for current Eurocodes.

Advance Design by the company Graitec is developed and intuitive program for designers building constructions working in a BIM environment. Allows to carry out many complex analysis using the method finite elements, such like linear, nonlinear statics, analysis modal or buckling. Gives possibility of dimensioning elements steel and reinforced concrete structures and wooden based on existing ones Eurocode standards with any national attachments. Is constantly developed as expected Polish users. What extremely important, as broadly as possible is part of the idea of BIM technology, allowing two-way exchange information about both geometry, as well as the results obtained in the course calculations with various environments.

As the main advantages of the program you can name the best on the market climate load generator, dimensioning of steel elements with 7 degrees of freedom or calculations of reinforced concrete elements including real reinforcements and scratches. Whole sewn is friendly and simple interface interface. Software

is based on perpetual or temporary licensing with the option releasing licenses. Dimensioning modules can work independently master model, giving the user various work scenarios. In the coming days there will be a premiere had another version that introduces a number of improvements for existing ones functionality and quite new modules.

Changing between other architecture of dimensioning modules, which will significantly shorten time spent by designers this aspect.

The biggest of the new possibilities will be: complete nonlinear Pushover analysis, detailed calculation of reinforcement on piercing of reinforced concrete slabs or concept A "superelement" for dimensioning purposes linear elements.



GRAITEC Sp. z o.o.