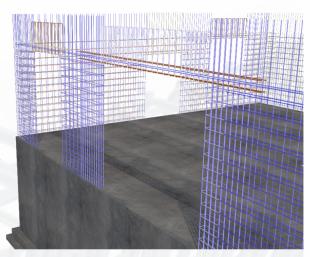
# PLENGIN

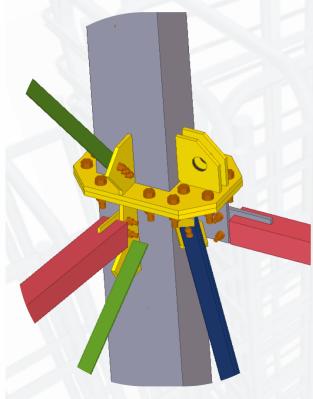
# Engine your life!

### Our offer in terms of calculation, structural analysis & design

#### Concrete structures

- · Commercial, residential, industry, agricultural and infrastructure structures (buildings, halls, reservoirs, retaining walls, foundations)
- $\cdot$  Reinforced and prestress concrete structures made in precast technology or cast-in place
- · Design covering all phases of the construction (building permit design, execution design) made using technology 3D BIM
- $\cdot$  Calculation of all types of concrete structures in accordance with EUROCODE and ACI standards
- $\cdot$  Drawing documentation and calculation reports in English, German or Polish



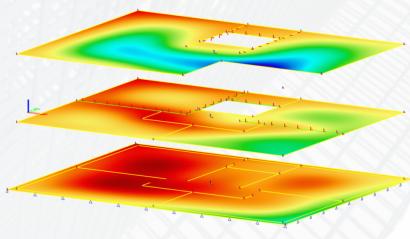


#### Steel structures

- · Commercial, industry and agricultural structures (production and storage buildings, cable and pipe bridges, superstructures)
- Design covering all phases of the construction (building permit design, execution design, workshop design) made using technology 3D BIM
- · Solutions optimizing the structure (openwork profiles, corrugated web profiles, cold formed profiles)
- · Calculation of all types of steel structures in accordance with EUROCODE and ACI standards
- $\cdot$  Drawing documentation and calculation reports in English, German or Polish

## Structural analysis

- · Geotechnical analysis
- · Detailed FEM analysis of atypical tasks
- · Dynamic and seismic analysis



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