



# Structural Analysis & Design Software

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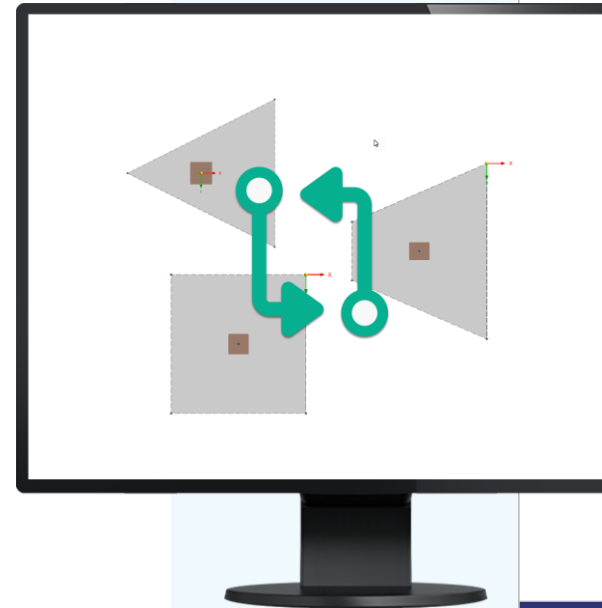


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Webinar

# Tool-Based Structural Design Optimization in RFEM 6



# Questions During the Presentation



GoToWebinar Control Panel  
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The screenshot shows the GoToWebinar control panel interface. At the top, there is a menu bar with 'File', 'View', and 'Help'. Below it is the 'Audio' section, which includes a 'Sound Check' indicator with a green bar and a question mark. There are two radio buttons: 'Computer audio' (selected) and 'Phone call'. A red 'MUTED' indicator is visible. Below this, there are dropdown menus for 'Mikrofon (2- Sennheiser USB h...)' and 'Lautsprecher (2- Sennheiser U...'. A volume slider is also present. The 'Questions' section is below the audio settings, featuring a text input field with the placeholder '[Enter a question for staff]' and a 'Send' button. At the bottom, the 'Webinar ID: 373-901-987' and the 'GoToWebinar' logo are displayed.



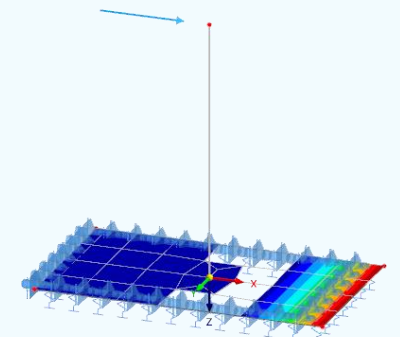
Adjust audio settings

Ask questions

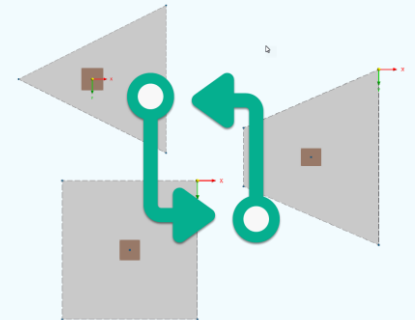


# CONTENT

- 01 Describing the function of the structural system
- 02 Transformation of task for optimization in RFEM
- 03 Evaluating results
- 04 Status quo and outlook

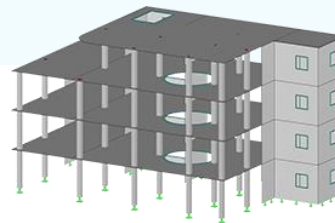


```
Fundament_v3.jg [G]
1 function input_data(){
22
23
24 function generate(){
24
25 // Variablen
26 const h = 3;
27
28 // Materialdefinition
29 const concreteMaterial = Material(1,"C25/30");
30
31 // Flächendickendefinition
32 Thickness(1,"variable",1,td);
33
34 // Fundamentmodellierung nach Formvorgabe
35 if (shape == 1) {
36 // Dreiecksform
37
38 // Knoten
39 Node(1);
40 nodes[1].coordinates = $(bx/2,by/2,0);
41 Node(2);
42 nodes[2].coordinates = $(-bx/2,0,0);
43 Node(3);
44 nodes[3].coordinates = $(bx/2,-by/2,0);
45
46 //Linien
47 Line(1,[1,2]);
48 Line(2,[2,3]);
49 Line(3,[3,1]);
50 }
```



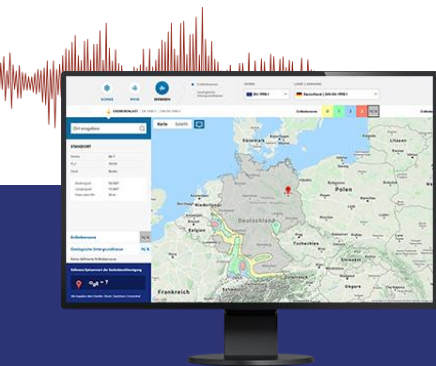


# Free Online Services



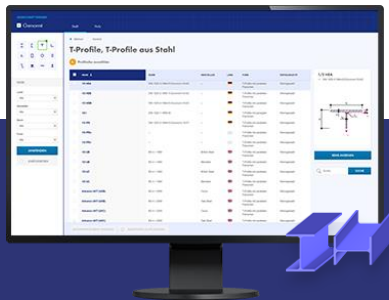
## Geo-Zone Tool

Dlubal Software provides an online tool with snow, wind and seismic zone maps.



## Cross-Section Properties

With this free online tool, you can select standardized sections from an extensive section library, define parametrized cross-sections and calculate its cross-section properties.



## FAQs & Knowledge Base

Access frequently asked questions commonly submitted to our customer support team and view helpful tips and tricks articles to improve your work.



## Models to Download

Download numerous example files here that will help you to get started and become familiar with the Dlubal programs.

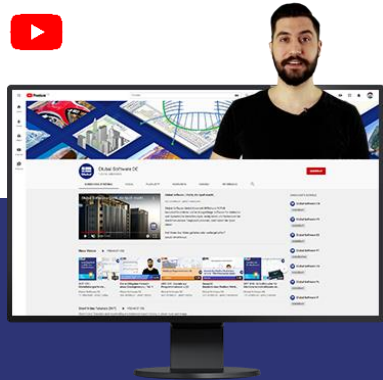




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## Youtube Channel - Webinars, Videos

Videos and webinars about the structural engineering software.



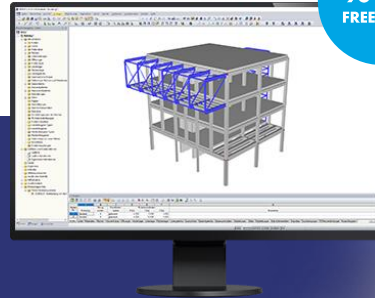
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Webinar



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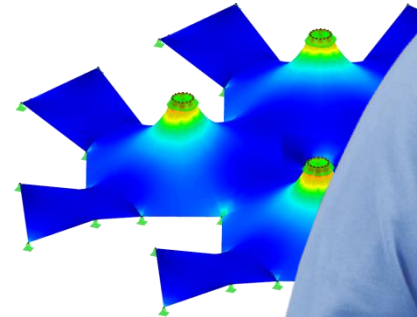
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