



Structural Analysis & Design Software

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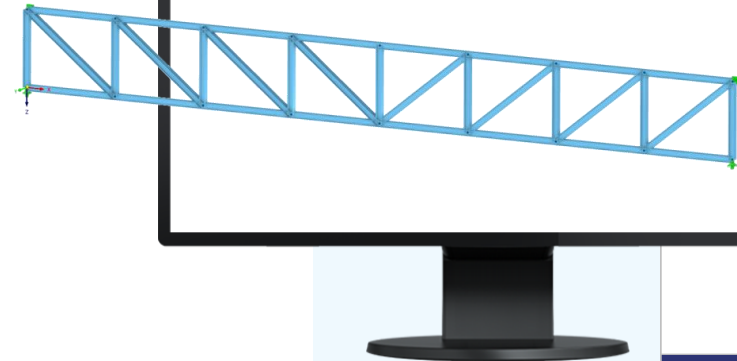
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Webinar

Model Optimization Using Artificial Intelligence (AI) in RFEM 6

```
1 function input_data()
2 {
3   category("Geometrie");
4   parameter_int("Knotenanzahl", "anzahl", "", 3, UNIT.NONE, 2, 1, 50, true, true);
5 }
6
7 function generate()
8 {
9   // Erzeuge eine bestimmte Anzahl von Knoten auf einer Geraden
10
11   for (var i = 1; i < anzahl; ++i)
12   {
13     Node(i);
14     anzahl++;
15     nodes[i].coordinates = TV(x,0,0);
16   }
17 }
```



Questions During the Presentation



GoToWebinar Control Panel
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Show or hide
control panel



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



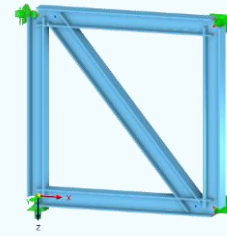
CONTENT

01 Estimating costs and CO₂ emissions

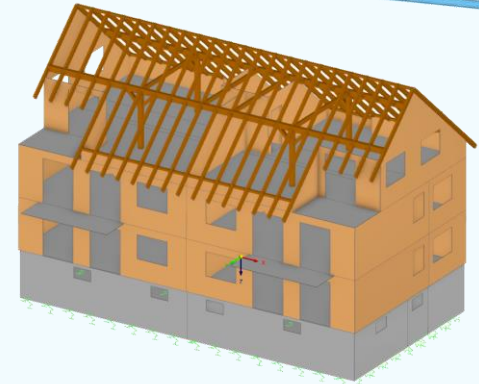
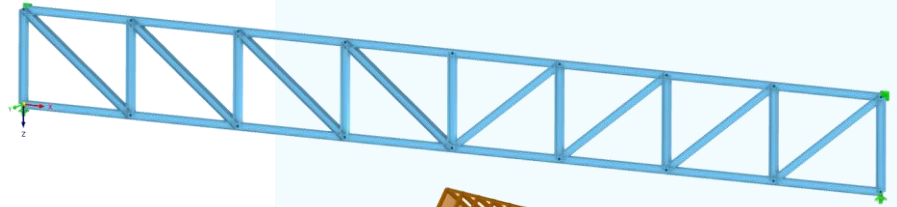
02 Parameterizing a model

03 Optimizing parameters according to different aspects

04 Applications, possibilities, visions

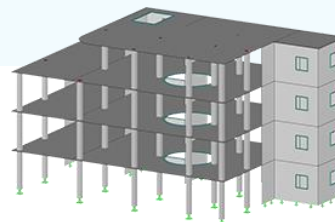


```
1 function input_data()
2 {
3   category("Geometrie");
4   parameter_int("Stoßenanzahl","anzahl", "", 3, UNIT.NONE, 2, 1, 50, true, true);
5 }
6
7 function generate()
8 {
9   // Erzeuge eine bestimmte Anzahl von Knoten auf einer Geraden
10  for (var i = 1; i <= anzahl; ++i)
11  {
12    Node(i);
13    pos(i);
14    node[i].coordinates = v(x,0,0);
15  }
16 }
17
```



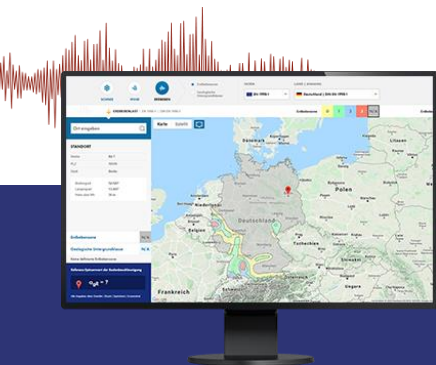


Free Online Services



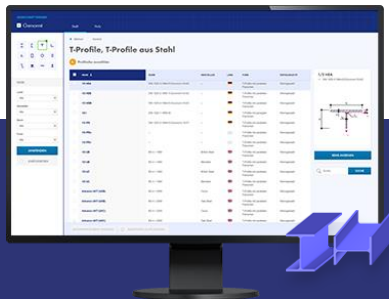
Geo-Zone Tool

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



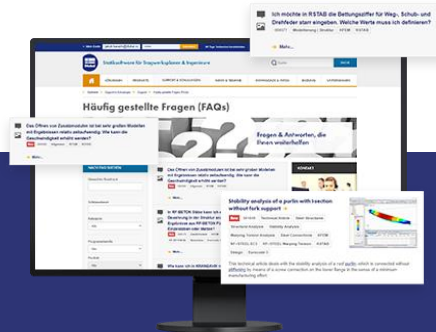
Cross-Section Properties

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.



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Models to Download

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

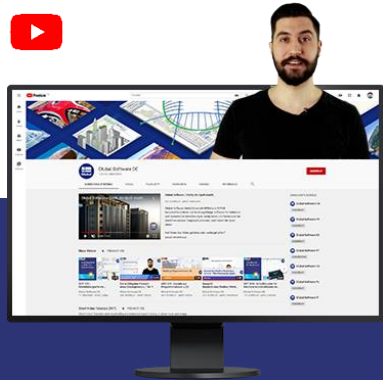




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Youtube Channel - Webinars, Videos

Videos and webinars about the structural engineering software.



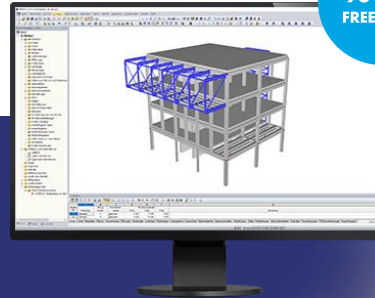
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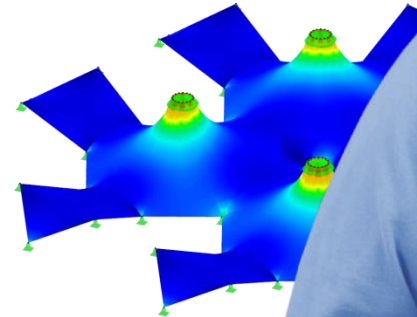
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