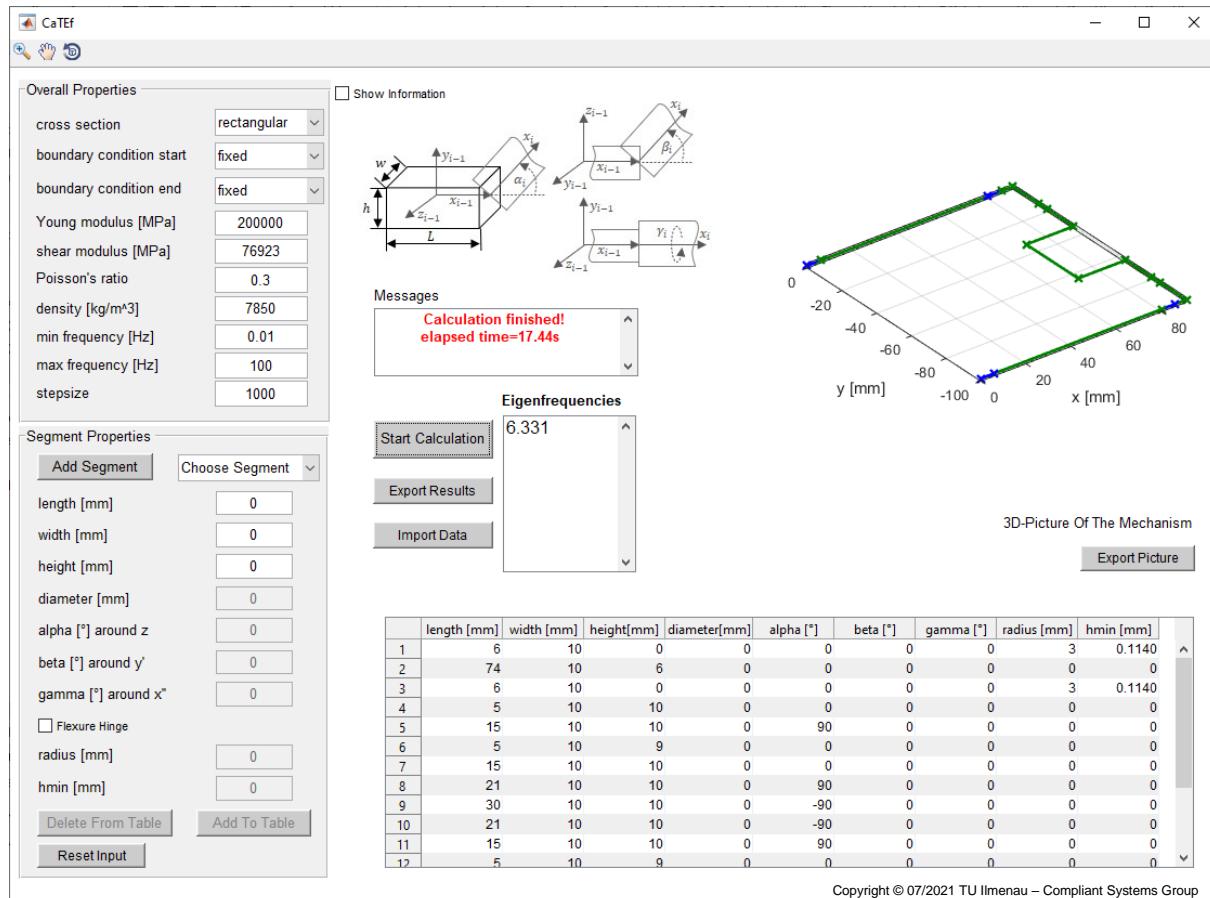


CaTEf – Calculation Tool for Eigenfrequencies

Software: Calculation Tool for the analytical calculation of the eigenfrequencies of spatial compliant mechanisms.



Features:

- modeling of concentrated and distributed compliance
- modeling of flexure hinges with semi-circular contour
- various boundary conditions possible
- variable frequency range
- spatial mechanisms possible
- circular and rectangular cross-section possible
- visual representation of the mechanism
- analytical solution within seconds
- export and import of the mechanism parameters possible

Application:

- calculation of eigenfrequencies of compliant mechanisms
- intuitive and fast creation of the mechanism to be calculated