Discs and bearings

3rd step: Adding discs and bearings to the 3D bending beam

- * Usek input:
 - define beam material & geometry
 - define kigid disc
 - · position · +hickness
 - · diameter · density
 - define grexible bearing
 - · position · rotational stigness
 - · translational stiffness
- * Element matrices & Global matrices assembly: same as Jok 3D beam
- a Discs & beakings in sustem matrices:
 - → Discs in mass matrix:
 - · + kanslational mass added to the correct node in mass matrix (uy & uz)
 - · made moment of inertia added to the correct node in made matrix (θ_y & θ_z)
 - Beauings in stighted matrix:
 - · translational stigness added to the correct node in stigness matrix (uy & uz)
 - · retational stillness added to the correct node in stillness matrix (By & Bz)
- * 6Cs + Eigenvalue problem: same as lock 3D beam
- RESUHS:
 - * Disci increase the beam's mass & inextic locally lower natural grequencies
 - * searings add localized stights = can increase natural frequencies depending on stiffness values
 - * DISC position: near center -> biggest frequency drop