Pre stress in a modal analysis Workbench 14.0



Aalborg Universitet esbjerg Søren Heide Lambertsen



Start a static structural analysis and insert the boundary condition. In this ensample a Force at 100 N is used.

File Edit View Units Tools Help || 🥝 | 🏂 Solve 🔻 🏥 🚾 🦽 🛆 🞯 🖝 🖉 Worksheet 🎠 | 🚏 🎋 🏆 🕞 🖕 🏷 👘 🛅 🛅 🚱 🖉 🕀 🔍 🔍 🔍 🔍 🕫 🖉 🖉 🖉



100 N force and a fixed support.



🕫 Show Vertices 🐉 Wireframe 🗧 Edge Coloring 🕶 🔏 🖌 🖌 🖌 🖈 🦯 🛪 🦯 🛪 🎢 👘 🖃 Thicken Annotations 📴 Show Mesh 🙏 Show Coordinate Systems







| File Edit View Units Tools Help || 🥝 | 🏂 Solve 🗸 🏢 📷 🖄 🖉 🖉 🖉 🖤 🖉 Worksheet || 🊏 🌴 🏆 🕞 🗞 🏷 😨 🕞 🗳 😌 😌 🔍 🔍 🕲 🔍 🎘 🕫 📄 🖛

🖵 Show Vertices 🍪 Wireframe 🛛 📕 Edge Coloring 👻 🔏 🖌 🖈 🦽 🖈 🖍 🛪 🗶 🛪 🖊 🖬 🔄 Thicken Annotations 🎰 Show Mesh 🎄 Show Coordinate Systems



Then press solve.

File Edit View Units Tools Help || 🖉 | 🏂 Solve 🕶 🏥 🔤 🥢 🧄 🛆 🖗 🕶 🖞 Worksheet 🤙 || 🚏 🎌 🖫 🕟 🗞 🐚 🖏 🕞 🕼 🕲 🚱 🔍 🕀 🖉 🖉 🖉 🖉 🖉 🖉

🛱 Show Vertices 🐉 Wireframe | 📕 Edge Coloring 🔻 🔏 🖌 🦯 🖌 🖌 🖌 🖌 🖌 👘 🕪 Thicken Annotations 📴 Show Mesh 🙏 Show Coordinate Systems





Under solution the 6 first freqencys.