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# Ansyes Tutorial For Wing Analysis

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A wing with a NACA 0012 airfoil section is supported such that one end is fixed and the other end is free. The wing has a chord of 1 meter, a span of 5 meters, and a thickness of 0.01 meters. The wing is

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Loads->Analysis  
Type->New  
Analysis->Static  
->Analysis->Ok. Define  
Loads->apply->Structural  
->Displacement->On  
Keypoints->Pick the 1st  
Keypoint->Apply Click on  
All DOF (Constrained in all  
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1. This tutorial assumes that ANSYS Workbench is running but no projects are open. 2. Under . View . make sure that "Toolbox", "Toolbox Customization" and "Project Schematic" all have check marks next to them. Check marks can be inserted by placing the cursor over the menu item and LMB. 3. In . Toolbox Customization. under . Analysis Systems

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