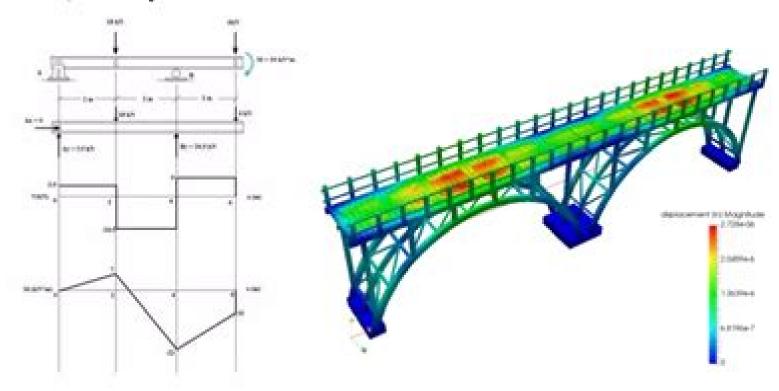
# **Application of Numerical Method**



□ Structural Analysis: Structural analysis deals with a calculation of load coming on the structure and analyzing them. It is a procedure followed to find and measure the effect of external forces on physical objects like built structure elements. Numerical method is used to calculate strength, stiffness, stability and vibration of loads and beams.



# **Numerical Methods For Engineering Applications**

**Michael Hoelscher** 

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