

## Finite Element Analysis: The WTC North Tower

Finite element analysis is a power tool that has found a home with the auto, aviation, mechanical engineering, and structural engineering industries to name a few. Its ability to inexpensively replacing real experiments and experiments of impossible scale with simulated ones has strongly contributed to its popularity. In my presentation, I will be discussing some of the processes used to generate the models and simulations used for our analysis of WTC North Tower during the attacks on 9/11/2001.