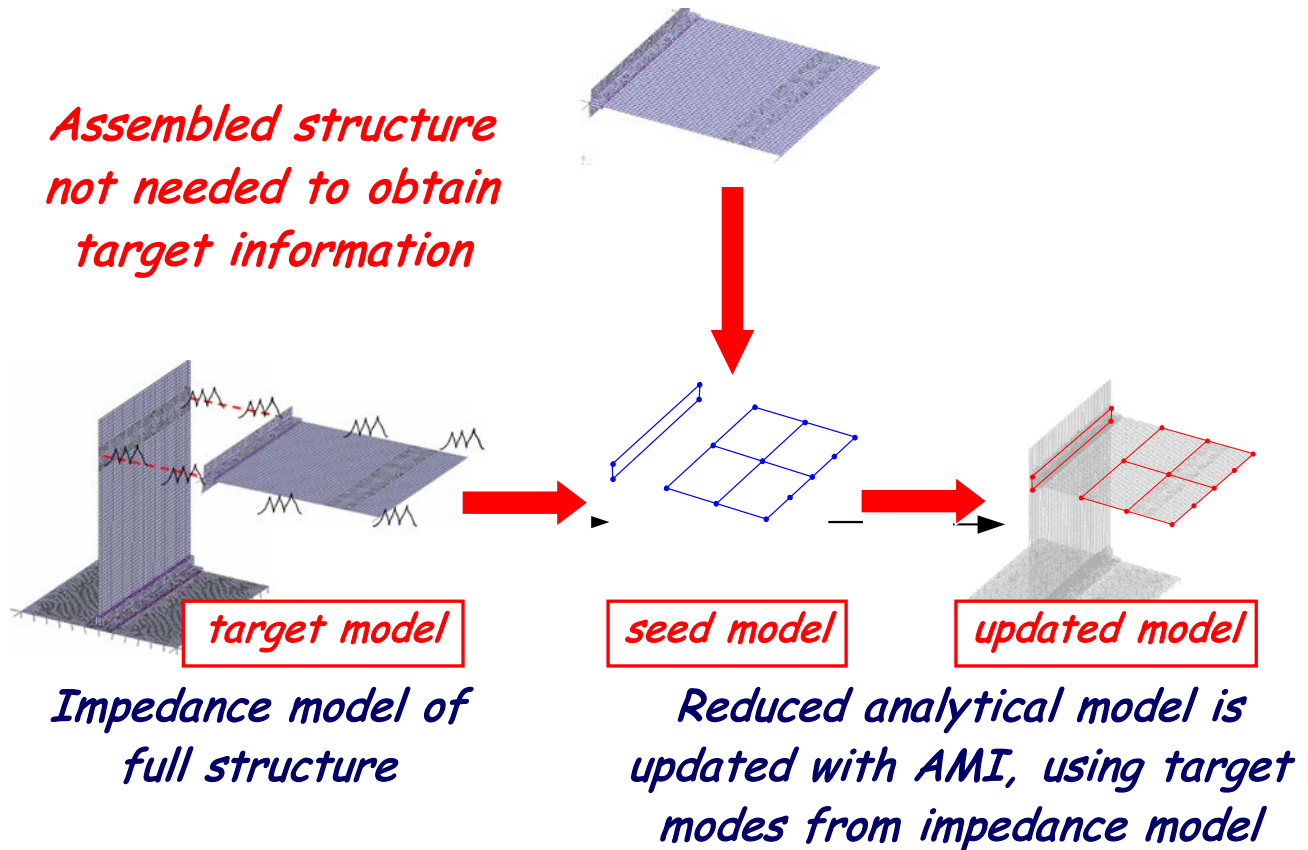




Frequency Based Component Response



Accurate system models are important in many applications. Developing accurate reduced order test verified component models is important to the overall system level response. This work centered on the development of overall system targets that were obtained from frequency based substructuring approaches. A critical difference is that the entire system need not be assembled. Due to the direct model updating strategies employed, very accurate system models were developed using extremely limited total degrees of freedom.