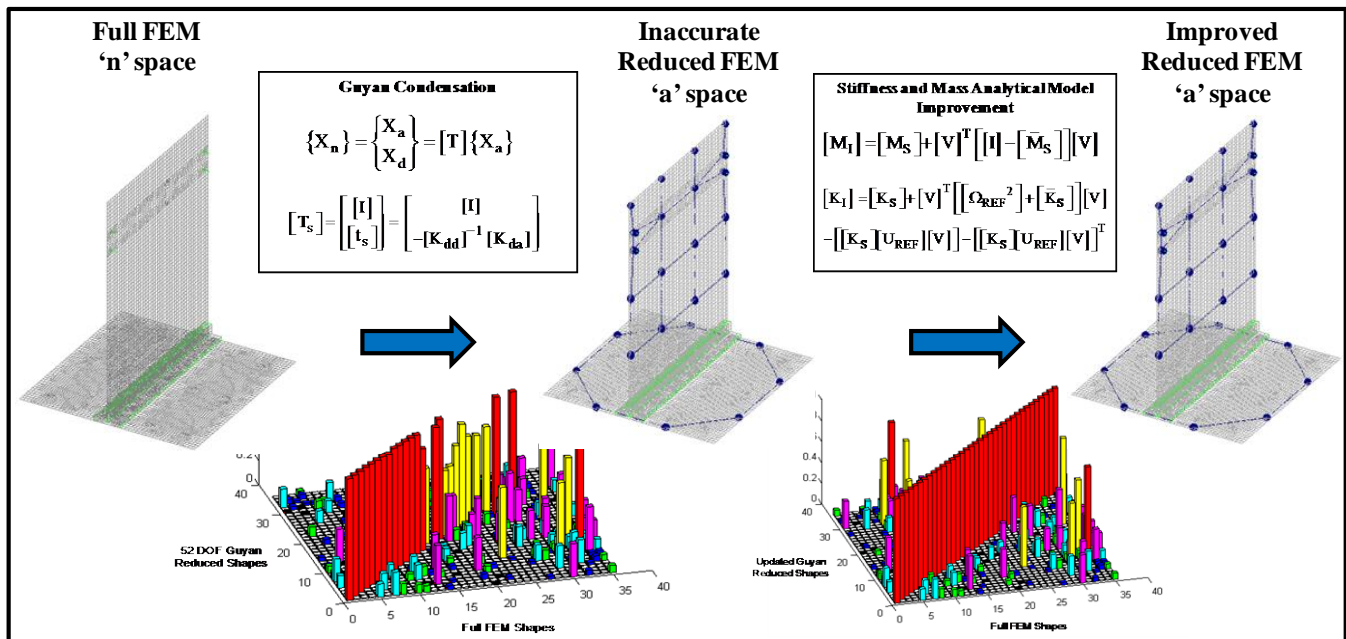## *Reduced Model Approximation Approach Using Model Updating Methodologies*

Traditional reduction techniques have utilized static equations in order to obtain the transformation matrix while more recent techniques have utilized the mode shapes of the model. An alternative approach combines the advantages from both schemes, yielding an exact reduced order model with fully rank matrices.

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