

Application of FE software in civil engineering

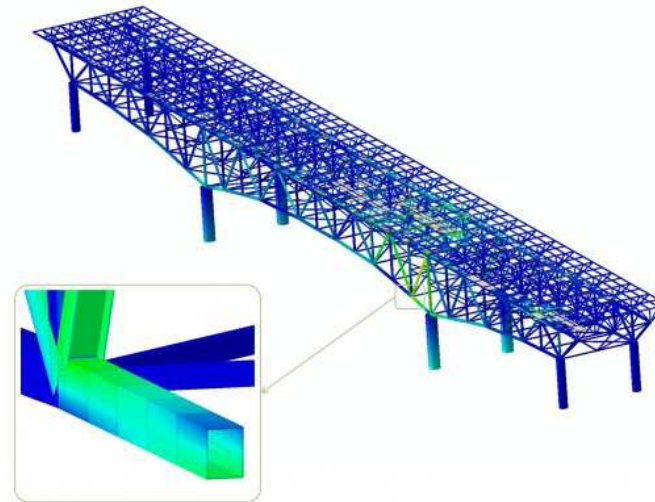
Problem: There exists several software for the analysis, nevertheless their effectiveness in structural analysis is a non trivial, due to the existence of several numerical problems and limitations like locking, convergence, numerical errors.

Objective: The comparison of different software analysis could highlight recurring problems and define test sets useful to demonstrate the software goodness.

Type: Literature review / Numerical

References

FEAP user manual



Thesis proposal