

LOAD COMBINATION

A load combination sums or envelopes the analysis results of certain load cases. Summation is often suitable for a linear analysis in which results are superimposed, such as with $1.2 \cdot DL + 1.6 \cdot LL$. For nonlinear analysis, it is often best to combine load patterns within load cases, then use load combinations to compute response envelopes. Load combination results include displacements and forces at joint locations, and internal member forces and stresses.

