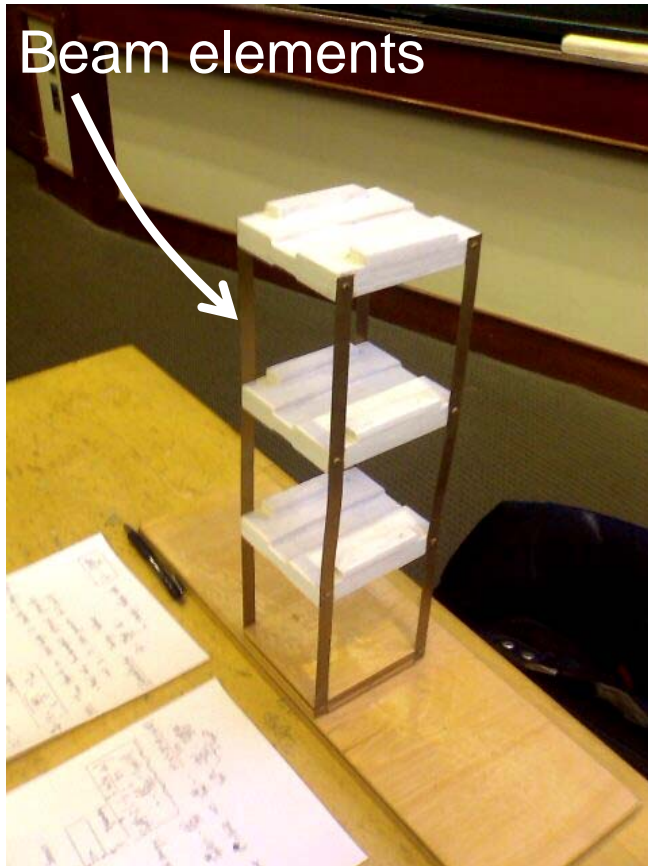
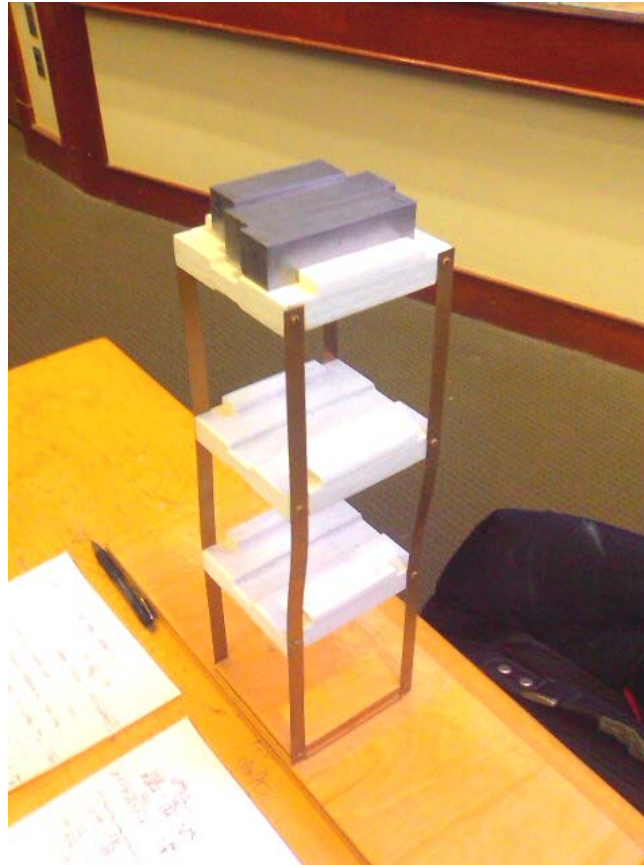


Example: In-class demonstration of buckling phenomenon



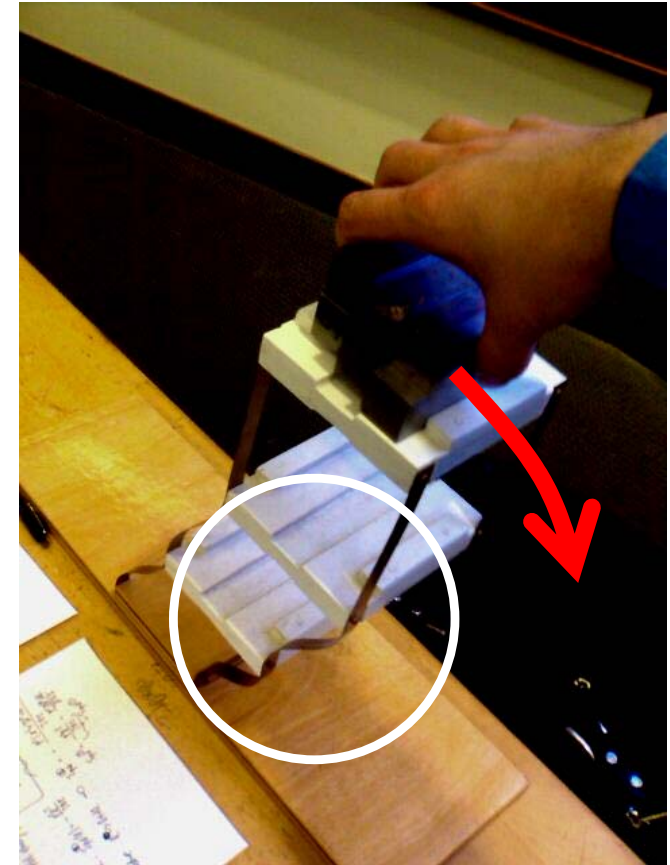
No load applied

$$P \ll P_{crit}$$



Small load applied
below buckling load
Structure stable

$$P < P_{crit}$$



Large load applied beyond
buckling load
Divergence of lateral
displacement

$$P > P_{crit}$$