

Temperature load vs. insertion point

Test Problem	
Name:	Temperature load vs. insertion point
Description:	Given temperature loading applied to a fixed-fixed beam with variable insertion point (centroid and top-center), theoretical solution is compared to that from a SAP2000 model.
Program:	SAP2000
Version:	14.2.3
Model ID:	na

Temperature load is applied to a fixed-fixed beam with variable **insertion point** locations, including centroid (default) and top-center. The tutorial below demonstrates application, and compares theoretical solution to results obtained from a [SAP2000](#) model.

Attachments

- [SAP2000 V14.2.3 model](#) (zipped .SDB file)

- [Analysis notes](#) (PDF)