

Interpreting buckling analysis results for different initial conditions

Test Problem	
Name:	Interpreting buckling analysis results for different initial conditions
Description:	Buckling analysis may begin with either zero initial conditions or the stiffness taken from the end of a nonlinear load case. This test problem compares the associated output.
Program:	SAP2000
Version:	15.1.0
Model ID:	511

Buckling analysis may begin with either zero initial conditions or the stiffness taken from the end of a nonlinear load case. Output is compared as follows:

Report

See Also

- [P-Delta effect for a cantilevered column](#)

Attachments

- [SAP2000 V15.1.0 model file](#) (zipped SDB file)
- [Hand calculations](#) (PDF file)
- [Analysis notes](#) (PDF file)