

Interpreting buckling analysis results for different initial conditions

| Test Problem | |
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| 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 |
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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)