UGENS

User subroutine UGENS:

- is used to define the (nonlinear) mechanical behavior of a shell section directly in terms of generalized section quantities;
- requires you to define the section behavior of the shell directly in terms of membrane strains and curvature changes;
- is called at all integration points in all shell elements with a general, arbitrary, elastic shell section and a user-subroutine-defined shell section stiffness; and
- can be used with all static or dynamic procedures other than the quasi-static procedure, since that procedure uses automatic time stepping based on the techniques used by Abaqus/Standard to integrate standard creep laws.

This page discusses:

See Also

In Other Guides

Using a General Shell Section to Define the Section Behavior

*SHELL GENERAL SECTION

Products: Abaqus/Standard