DLOAD

User subroutine DLOAD:

- can be used to define the variation of the distributed load magnitude as a function of position, time, element number, load integration point number, etc.;
- will be called at each load integration point for each element-based or surface-based nonuniform distributed load definition during stress analysis;
- will be called at each stiffness integration point for computing the effective axial force, ESF1, for pipe elements subjected to nonuniform load types PENU and PINU;
- cannot be used in mode-based procedures to describe the time variation of the load; and
- ignores any amplitude references that may appear with the associated step definition or nonuniform distributed load definition.

This page discusses:

Products: Abaqus/Standard

User Subroutine Interface

```
      SUBROUTINE DLOAD(F,KSTEP,KINC,TIME,NOEL,NPT,LAYER,KSPT,
     1 COORDS,JLTYP,SNAME)
C
      INCLUDE 'ABA_PARAM.INC'
C
      DIMENSION TIME(2), COORDS (3)
```


See Also

In Other Guides

Distributed Loads

*DLOAD

*DSLOAD

Nonuniform crack-face loading and J-integrals

Pure bending of a cylinder: CAXA elements

Cylinder subjected to asymmetric pressure loads: CAXA elements

Patch test for axisymmetric elements

Transient internal pressure loading of a viscoelastic cylinder

DLOAD