



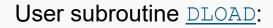






# DLOAD





- 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;

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- 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:

- User Subroutine Interface
- Variables to Be Defined
- Variables Passed in for Information

#### Products: Abaqus/Standard

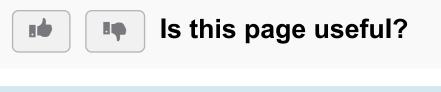
## **User Subroutine Interface**

```
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 Jintegrals

Pure bending of a cylinder: CAXA elements

Cylinder subjected to asymmetric pressure loads: CAXA elements

Patch test for axisymmetric elements

<u>Transient internal pressure loading of a viscoelastic cylinder</u>

**DLOAD**