VDLOAD

User subroutine VDLOAD:

- can be used to define the variation of the distributed load magnitude as a function of position, time, velocity, displacement, acceleration, etc. for a group of points, each of which appears in an element-based or surface-based nonuniform load definition;
- will be called for load integration points associated with each nonuniform load definition including PENU and PINU loads applicable for pipe elements;
- does not make available the current value of the nonuniform distributed loads for file output purposes; and
- recognizes an amplitude reference (Amplitude Curves) if it appears with the associated nonuniform load definition.

This page discusses:

See Also

In Other Guides

About Loads

Distributed Loads

*DLOAD

*DSLOAD

Deformation of a sandwich plate under CONWEP blast loading

Products: Abaqus/Explicit

User Subroutine Interface

```
      subroutine vdload (
C Read only (unmodifiable)variables -
     1 nBlock, ndim, stepTime, totalTime,
     2 amplitude, curCoords, vua, dirCos, jltyp, sname,
C Write only (modifiable) variable -
     1 value )
C
```