VDISP

User subroutine VDISP:

- can be used to prescribe translational and rotational boundary conditions;
- is called for all degrees of freedom listed in the associated boundary condition;
- allows you to specify values for either the degree of freedom or its time derivatives such as velocity and acceleration;
- releases the boundary condition by default if you do not specify a value for the boundary condition unless the degree of freedom is also participating in a constraint;
- can be used to apply a concentrated load, instead, by adjusting the default motion of the node;
- can be called for blocks of nodes for which the boundary conditions are defined in the subroutine.

This page discusses:

Products: Abaqus/Explicit

See Also

In Other Guides

Boundary Conditions

*BOUNDARY

VDISP

Initial Velocity

At the beginning of each step user subroutine VDISP is called once to establish the initial velocity; and then, it is called once on each configuration, including the initial