USDFLD

User subroutine `USDFLD`:

- allows you to define field variables at a material point as functions of time or of any of the available material point quantities listed in the Output Variable Identifiers table (Using Abaqus/Standard Output Variable Identifiers) except the user-defined output variables UVARM and UVARM*n*;
- can be used to introduce solution-dependent material properties since such properties can easily be defined as functions of field variables;
- will be called at all material points of elements for which the material definition includes user-defined field variables;
- must call utility routine `GETVRM` to access material point data;
- can use and update state variables; and
- can be used in conjunction with user subroutine `UFIELD` to prescribe predefined field variables.

This page discusses:

Is this page useful?

See Also

Obtaining Material Point Information in an Abaqus/Standard Analysis

In Other Guides

Material Data Definition

*USER DEFINED FIELD

Damage and failure of a laminated composite plate

USDFLD

Using Abaqus/Standard Output Variable Identifiers

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