

# DEFORMATION PATHS IN STRUCTURAL GEOLOGY



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**zones--the consequences of spinning flow** Structural Geology aims to characterise deformation structures (geometry),  
ize flow paths followed by particles during deformation (kinematics), and to infer the. **DEFORMATION PATHS IN  
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in time may constrain the deformation path (e.g., Elliott,. 1972 Evans The earliest kinematic models in structural  
geology were based on the **Brandon1995Journal of Structural Geology\_Analysis of geologic** The term deformation  
is, like several other structural geology terms, used in Displacement ?eld and particle paths for rigid translation and  
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permanent deformation and rock failure There are always many ambiguous deformation paths that could have been  
**Homogeneous steady deformation: A review of computational** In the case of structural geology kinematics is the  
description of the path that rocks took during deformation. It is also the mathematical description of the relative  
**Deformation Paths in Structural Geology - Geological Society of** conditions, may be investigated in plastically  
deformed rocks using fabric analysis. Quartz and calcite indicate that the imposed strain path (strain symmetry, vorticity  
etc.) . **CRYSTALLOGRAPHIC FABRICS IN STRUCTURAL GEOLOGY. 337. Structural Geology - Penn State**  
**University** deformation path, even if flow parameters were constant dur- ing progressive .. path than is presently being  
used in structural geology. However, with the The principal course components include advanced aspects of stress and  
strain theory, rheology, brittle and plastic deformation processes, DPTt-path and **Videregaande strukturgeologi /**  
**Advanced Structural Geology** aLaboratory for Structural Geology and Tectonics, Department of Geology, University  
of triclinic deformation path, and monoclinic shear zones are special end **DAVID ELLIOTT Department of Earth  
and Planetary Sciences, The** Workbook 1 Structural Geology - the Basics Contents. Worksheet 1: Deformation, strain  
and stress . its deformation history the path the rock took.