

A FAULT MODELING ALGORITHM

Virginia RUSU, Cristian RUSU

Abstract

Frequently the surfaces to be modeled have discontinuities. If the surfaces represent geological layer boundaries, the discontinuities mean faults. In all others cases the term "fault" is just a mathematical concept. A fault-modeling algorithm is described here. It was implemented in a general-purpose surface modeling software package (ZAZA). A fault-modeling sample is showed.

Keywords: surface modeling, gridding, fault-modeling algorithm, software implementation, faulted data sample.