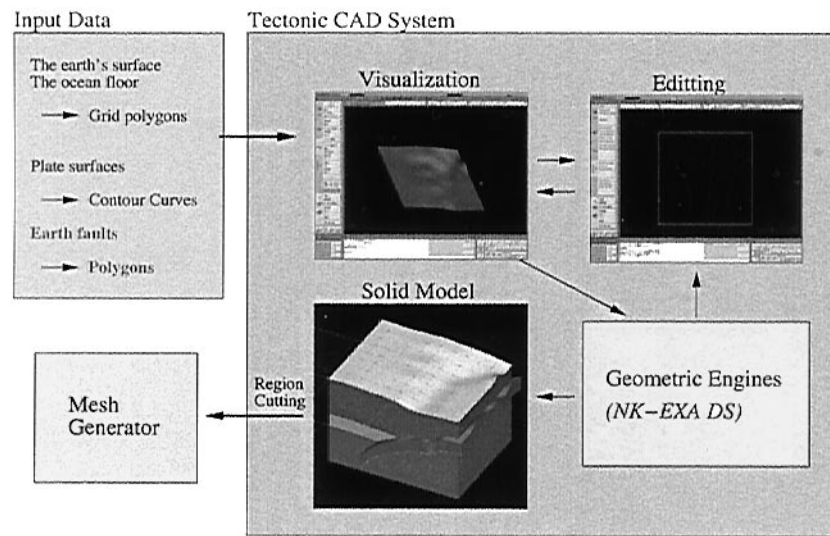


## **Tectonic CAD System and the Construction of 3D Solid Models of Tectonic Structures**

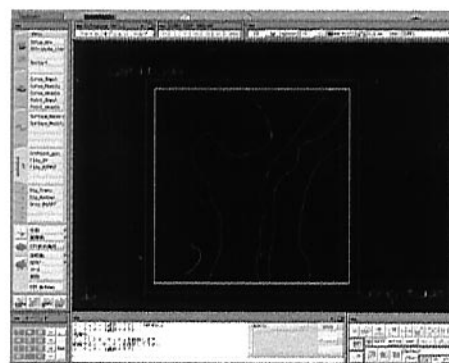
Takashi Kanai [1], # Akitake Makinouchi [1], Asahiko Nakagawa [2]

[1] MFL, RIKEN, [2] STC, Information Processing Systems Dept., NKK Co.

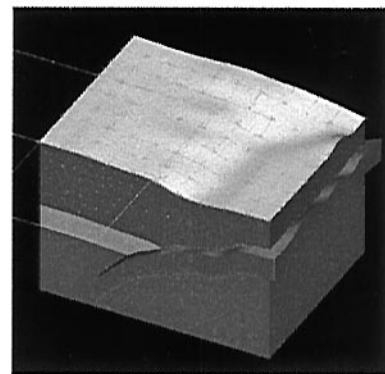
The purpose of our research is to develop the Tectonic CAD system for creating three-dimensional solid models of tectonic structures such as plate boundaries or faults, and to construct large databases of such tectonic solid models mainly around the Japan Islands. Here, we explain about our prototype tectonic CAD system based on the commercial mechanical CAD, and show solid models of tectonic structures in a part of Japan created by our system. The characteristic of our system is to prepare an exclusive GUI that can deal with the contour line-based data such as plate boundaries.



地殻専用 CAD システムの概要



等高線操作のためのインターフェース



地殻構造ソリッドモデルの構築例