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To date, the breadth of visualization technique research for solid (non-uid) mechanics tensor data has been limited. Meanwhile,

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the techniques (formulations, algorithms and implementations) for computational modeling and simulation of materials have advanced at rapid pace. While the simulation results are now available, the

**Visualization Techniques for Computational Mechanics** (1996). Pixel-Oriented Visualization Techniques for Exploring Very Large Data Bases. Journal of Computational and Graphical Statistics: Vol. 5, No. 1, pp. 58-77.

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Most of the techniques have been specifically designed for visualizing and querying large databases. The techniques may be divided into query-independent techniques which directly visualize the data (or a certain portion of it) and query-dependent techniques which visualize the data in the context of a specific query.

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