Peridynamics-Based Fracture Animation for Elasto-Plastic Solids

paperID

Abstract

curve generation

Key sale point: the first peridynamics framework in graphics to simulate deformation and fracture of elasto-plastic materials.

Categories and Subject Descriptors (according to ACM CCS): I.3.3 [Computer Graphics]: Picture/Image Generation—Line and

- 1. Introduction
- 2. Related Work
- 3. Background
- 4. Overview
- 5. Constitutive Model
- 6. Fracture
- 7. Implementation
- 8. Results
- 9. Discussion