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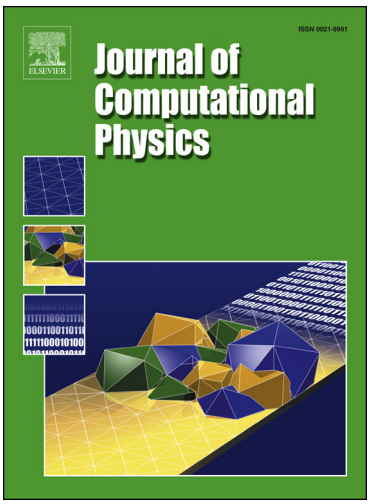


A full-angle Monte-Carlo scattering technique including cumulative and single-event Rutherford scattering in plasmas

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## Highlights

- A self-consistent full-angle Rutherford scattering method for plasmas is defined.
- The method discretely transitions from cumulative to single-event scattering.
- Verification is performed using finely resolved discrete Monte-Carlo scattering.
- Regimes where this method is important are discussed.
- Test problems: interpenetrating plasma flows and keV-temperature equilibration.