Accepted Manuscript

Trapping (capture) into resonance and scattering on resonance:summary of results for space plasma systems

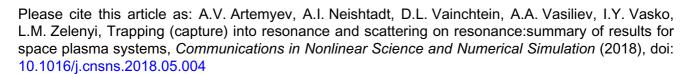
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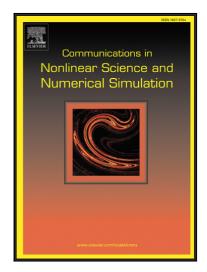
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Highlights

- We reviewed the resonant wave-particle interaction in various Sapace Plasma systems
- We presented a general theory of trapping (capture) into resoance and scattering on resonance of charged particles by electrostatic or electromagnetic waves in the presence of a background magnetic field



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