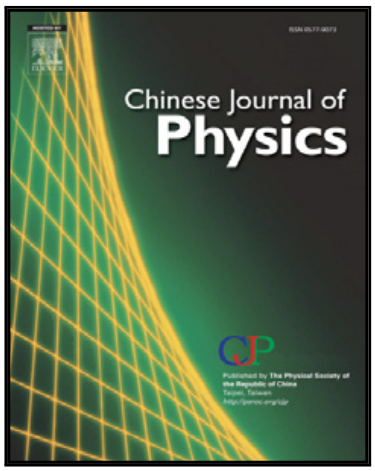

Modulational instability, rogue waves, and envelope solitons in opposite polarity dusty plasmas

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Highlights

- The stability of dust-acoustic waves in four component plasma system has been investigated.
- The new basic features of the dust-acoustic rogue waves, bright and dark envelope solitons are identified.
- The results of our present investigation are graphically shown and interpreted.