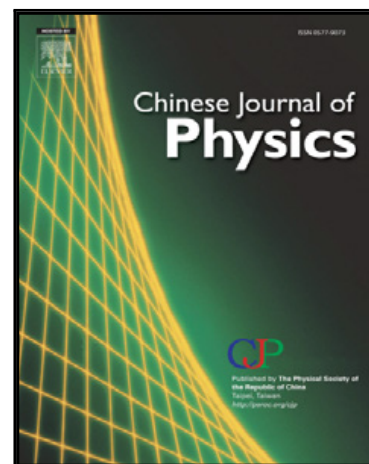


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Solitons in antiferroelectric liquid crystal and Josephson junction: The double sine-Gordon model

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Highlight

- The nonlinear double sine-Gordon equation is considered.
- The model is solved using the Hirota bilinearization method.
- The one and two soliton solutions are obtained.
- The solutions are interpreted for the antiferro electric liquid crystal and Josephson Junction.

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