

Erratum

Periodic Nonlinear Waves on a Half-Line

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Harvey Segur and David Campbell have informed me that the idea of considering breather-like solutions of nonlinear Klein-Gordon equations as homoclinic orbits for a dynamical system in the x -variable was already introduced by Eleonskii, Kulagin, Novozhilova, and Silin. (See [2] and still earlier references cited therein.) I apologize to those authors for neglecting to refer to their work.

Chris Jones and Howard Levine have pointed out that the stable manifold theorem of Henry requires a hypothesis (sectoriality of the generator of the linearized flow) which is not satisfied for the nonlinear Klein-Gordon equation to which I applied it. A stable manifold theorem which suffices for our application may be found in [1] or the preprints [3] and [4].

References

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