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**Pseudo-peakon, periodic peakons and compactons on a shallow water model with Coriolis effect.** (English) [Zbl 1467.76031](#)

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**MSC:**

- 76E20 Stability and instability of geophysical and astrophysical flows
- 76B25 Solitary waves for incompressible inviscid fluids
- 76U60 Geophysical flows
- 35Q35 PDEs in connection with fluid mechanics
- 37N10 Dynamical systems in fluid mechanics, oceanography and meteorology

**Keywords:**

pseudo-peakon; periodic peakon; compacton; solitary wave; shallow water model; bifurcation; dynamical system; parametric representation

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**References:**

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