

Solitonic Dispersive Hydrodynamics: Theory and Observation

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 (d 3 N 2017; r d 13 F 2018; b h d 2 A r l 2018)

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 0 < k ≪ 1 [-26,27]:

$$\begin{aligned} \bar{r} + V(\bar{r}) &= 0, & a + c(a, \bar{r})a + f(a, \bar{r}) &= 0, \\ k + [c(a, \bar{r})k] &= 0. & & (2) \end{aligned}$$

we find, directly substituting into (1) the
transformed coordinates:

$$(a_-, -) = (a_+, -_+), \quad \text{—}$$

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