

# List of notation

$a(t)$  (component of the perturbation of the kink on the odd eigenfunction of  $-\partial_x^2 + 2V$ ), 32

$a_+^{\text{app}}(t)$  (approximation of  $a_+(t)$ ), 88

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$F_{1,I}^3[u_I]$  (linear term in  $u_{\pm}$  in (2.29)), 35

$F_{2,I}^3[u_I]$  (quadratic term in  $u_{\pm}$  in (2.29)), 35

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$F_j^3[a; u_+, u_-]$  (term homogeneous of order  $3 - j$  in  $a$  in (2.27)), 35

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$L$  (matrix of operators), 113

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$\|\cdot\|_{W^{\rho,\infty}}$  (Hölder norm), 32

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