

Refined Scattering and Hermitian Spectral Theory for Linear Higher-Order Schrödinger Equations

V.A. Galaktionov, I.V. Kamotski

(Submitted on 15 Jul 2011)

A classification of large-time and finite-time blow-up asymptotics of solutions of the Cauchy problem for higher-order Schrödinger equations is performed.

Comments: 49 pages

Subjects: **Analysis of PDEs (math.AP)**

MSC classes: 35K55, 35K40

Cite as: [arXiv:1107.3067](https://arxiv.org/abs/1107.3067) [math.AP]

(or [arXiv:1107.3067v1](https://arxiv.org/abs/1107.3067v1) [math.AP] for this version)

Submission history

From: Victor Galaktionov [[view email](#)]

[v1] Fri, 15 Jul 2011 13:53:10 GMT (79kb)

[Which authors of this paper are endorsers?](#)

Link back to: [arXiv](#), [form interface](#), [contact](#).

Download:

- [PDF](#)
- [PostScript](#)
- [Other formats](#)

Current browse context:

math.AP

[< prev](#) | [next >](#)

[new](#) | [recent](#) | 1107

Change to browse by:

[math](#)

References & Citations

- [NASA ADS](#)

Bookmark (what is this?)

