

# Publications and Preprints

Nikos I. Karachalios in [\[AMS-Mathematical Reviews, ZbMath, Scopus, Web of Science\]\\*](#), [Google Scholar](#)  
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\*(for subscribers)

**Book (edited)** R. Carretero-González, J. Cuevas, D. J. Frantzeskakis, N. I. Karachalios, P. G. Kevrekidis, F. Palmero. (eds.) *Localized Excitations in Nonlinear Complex Systems: Current State of the Art and Future Perspectives*. **Nonlinear Systems and Complexity** 7, Springer, 2014

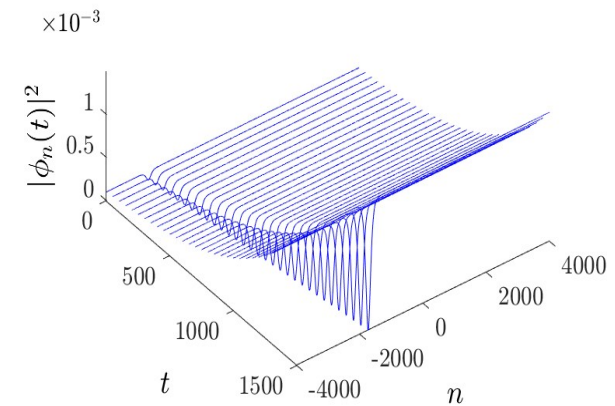
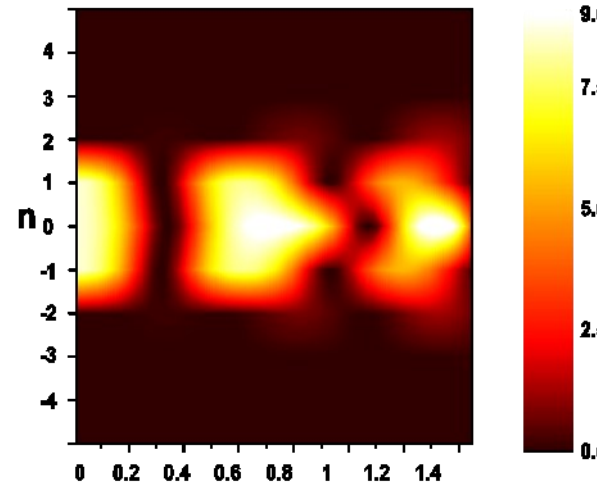
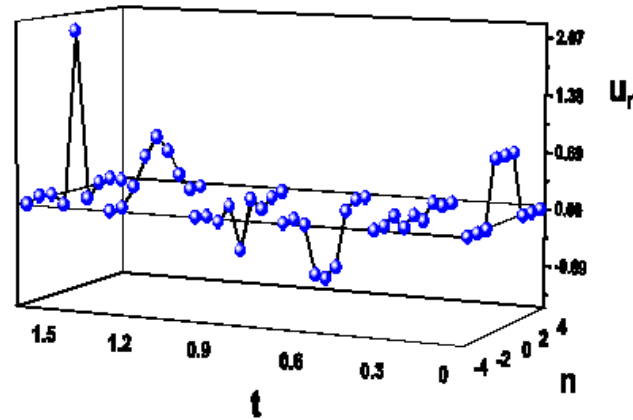
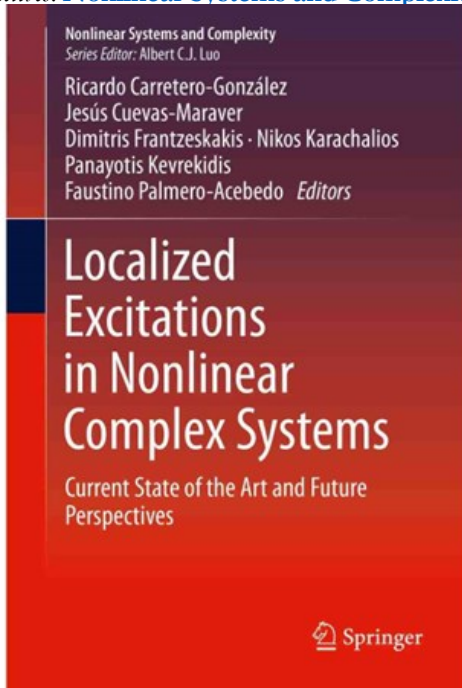


Figure: (a) Escape of a 3-unit lattice segment from a potential well of depth  $U=1$ . Initial positions at  $U=0$

(b) Progressive energy localization on the 3-unit segment. The figures are from [28]. (c) A dissipative dark soliton. The figure is from [54].

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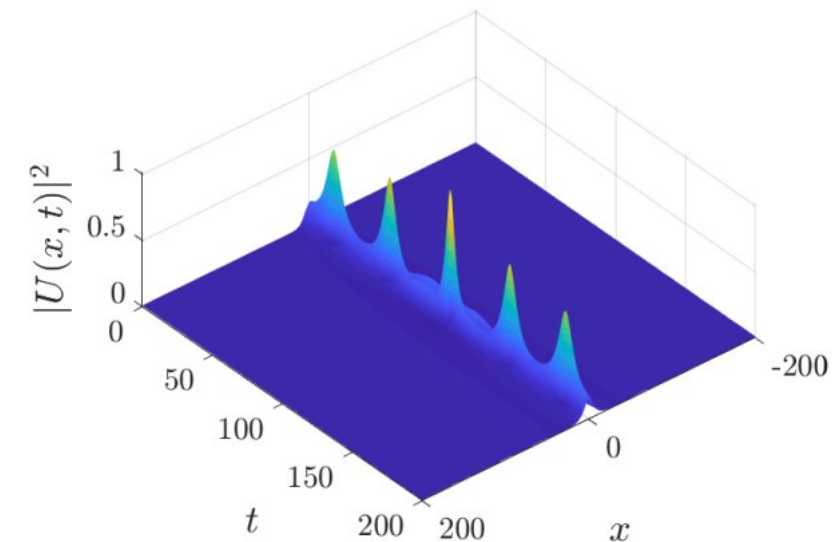
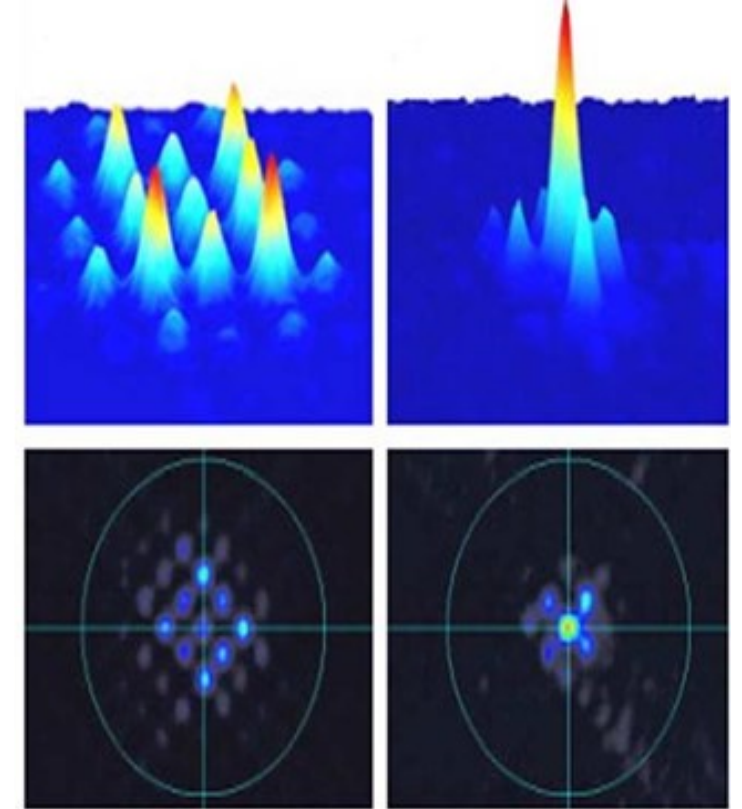
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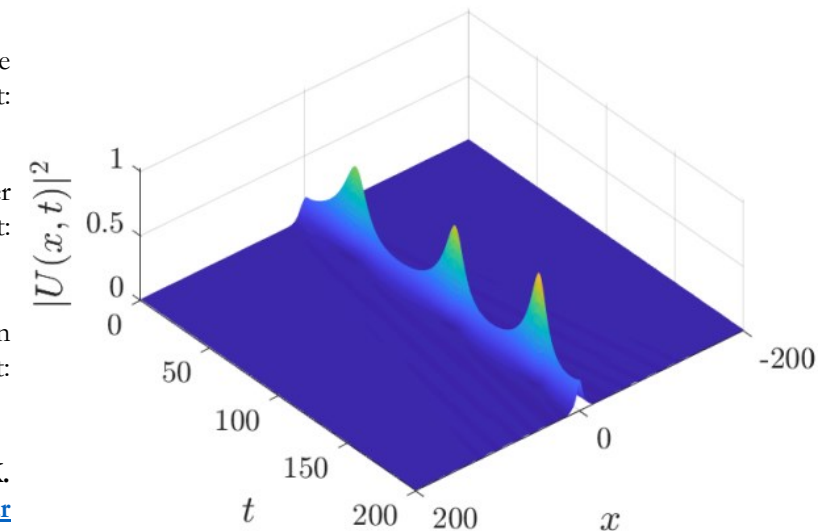
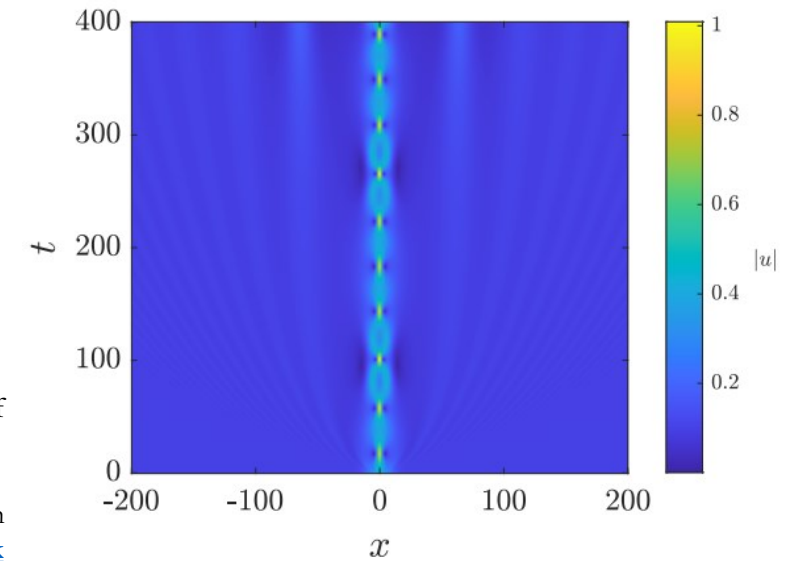
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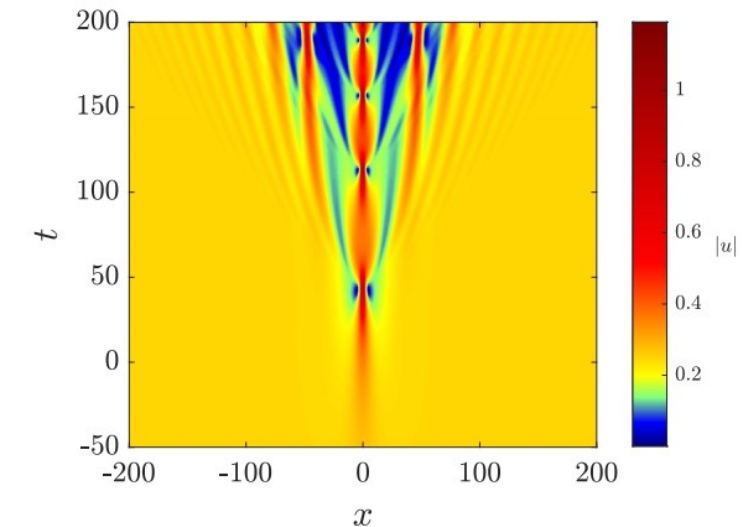
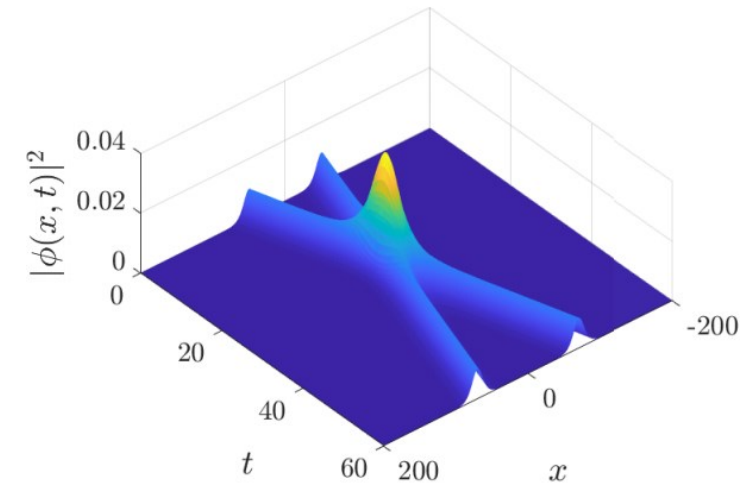
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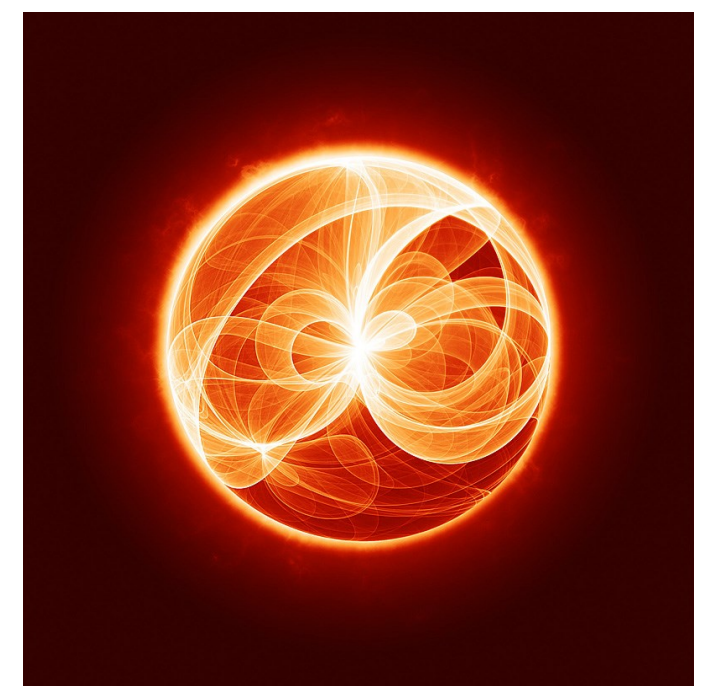
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(If you like posters, see [one](#) on Discrete Solitons, created and presented by Jesús Cuevas in "SOLIQANTUM 2006" meeting, Cuenca, Spain, 27-30 September 2006.)

