

Abstract Submitted
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Nonlinear dynamics and solitonic structures of two-component BECs¹ CHRIS HAMNER, JIAJIA CHANG, PETER ENGELS, Washinton State University — We present ongoing experimental studies of the rich nonlinear dynamics of two-component ^{87}Rb BECs. These dynamics range from counterflow induced modulational instabilities to the formation of spin domains and novel solitonic structures, including soliton clusters. We report on the current status of the experiment.

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