

# Sign-changing solutions of coupled elliptic equations

Zhi-Qiang Wang\*  
Department of Mathematics  
Utah State University  
Logan, USA

## **Abstract**

We report results on existence of sign-changing solutions for coupled nonlinear Schrodinger equations. Various techniques will be discussed for constructing sign-changing solutions for this class of systems for which it is important to distinguish different solutions due to the existence of a large number of different type of solutions.

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\*e-mail: zhi-qiang.wang@usu.edu