

WEAK SOLUTIONS TO THE TWO-DIMENSIONAL DERIVATIVE GINZBURG-LANDAU EQUATION

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摘要 In this paper, we deal with the generalized derivative Ginzburg-Landau equation in two spatial dimensions, and obtain the existence of global weak solutions for this equation subject to periodic boundary conditions.

关键词 [Global weak solution, approxim](#)

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Abstract In this paper, we deal with the generalized derivative Ginzburg-Landau equation in two spatial dimensions, and obtain the existence of global weak solutions for this equation subject to periodic boundary conditions.

Key words [Global weak solution](#) [approximate solution](#) [Galerkin method](#) [Ginzburg-Landau equation](#)

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