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**FlowPy – a numerical solver for functional renormalization group equations.** (English)

Zbl 1344.81016

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Summary: FlowPy is a numerical toolbox for the solution of partial differential equations encountered in Functional Renormalization Group equations. This toolbox compiles flow equations to fast machine code and is able to handle coupled systems of flow equations with full momentum dependence, which furthermore may be given implicitly.

**MSC:**

**81-04** Software, source code, etc. for problems pertaining to quantum theory

**81T17** Renormalization group methods applied to problems in quantum field theory

**Keywords:**

functional renormalization group equations; momentum dependent flow equations

**Software:**

CrazyDSE; FlowPy

**Full Text:** [DOI](#) [arXiv](#)

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