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Multiplicity of 1D-concentrating positive solutions to the Dirichlet problem for equation with \$p\$-Laplacian

Sergey B. Kolonitskii

(Submitted on 4 Jun 2012)

We prove the multiplicity of spike-layer type solutions to the Dirichlet problem for the equation $-\Delta_p u = u^{q-1}$ in expanding annuli.

Subjects: **Analysis of PDEs (math.AP)**

MSC classes: 35J92, 35J20

Cite as: arXiv:1206.0787 [math.AP]

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