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| Nota di contenuto       | Partial differential equations also have principles: Maximum and antimaximum / Jean Mawhin -- ( <a href="http://www.ams.org/conm/540/">http://www.ams.org/conm/540/</a> ) ( <a href="http://dx.doi.org/10.1090/conm/540/10655">http://dx.doi.org/10.1090/conm/540/10655</a> ) On the Fucik spectrum for equations with symmetries / Bernhard Ruf -- ( <a href="http://www.ams.org/conm/540/">http://www.ams.org/conm/540/</a> ) ( <a href="http://dx.doi.org/10.1090/conm/540/10656">http://dx.doi.org/10.1090/conm/540/10656</a> ) Variations on the $\Delta$ -Laplacian / Bernd Kawohl -- ( <a href="http://www.ams.org/conm/540/">http://www.ams.org/conm/540/</a> ) ( <a href="http://dx.doi.org/10.1090/conm/540/10657">http://dx.doi.org/10.1090/conm/540/10657</a> ) Extremal functions in Poincare-Sobolev inequalities for functions of bounded variation / Vincent Bouchez and Jean Van Schaftingen -- ( <a href="http://www.ams.org/conm/540/">http://www.ams.org/conm/540/</a> ) ( <a href="http://dx.doi.org/10.1090/conm/540/10658">http://dx.doi.org/10.1090/conm/540/10658</a> ) An elementary proof of an inequality of Maz'ya involving $L^1$ vector fields / Pierre Bousquet and Petru Mironescu -- ( <a href="http://www.ams.org/conm/540/">http://www.ams.org/conm/540/</a> ) ( <a href="http://dx.doi.org/10.1090/conm/540/10659">http://dx.doi.org/10.1090/conm/540/10659</a> ) Homoclinic type solutions for a class of differential equations with periodic coefficients / David G. Costa and Chengyue Li -- ( <a href="http://www.ams.org/conm/540/">http://www.ams.org/conm/540/</a> ) ( <a href="http://dx.doi.org/10.1090/conm/540/10660">http://dx.doi.org/10.1090/conm/540/10660</a> ) Quasilinear and singular systems: The cooperative case / Jacques Giacomoni, Jesus Hernandez and Abdelkrim Moussaoui -- ( <a href="http://www.ams.org/conm/540/">http://www.ams.org/conm/540/</a> ) ( <a href="http://dx.doi.org/10.1090/conm/540/10661">http://dx.doi.org/10.1090/conm/540/10661</a> ) Manifolds of critical points in a quasilinear |

model for phase transitions / Pavel Drabek, Raul F. Manasevich and Peter Takac -- (<http://www.ams.org/conm/540/>) (<http://dx.doi.org/10.1090/conm/540/10662>) Weighted asymmetric problems for an indefinite elliptic operator / Liamidi Leadi and Humberto Ramos Quoirin -- (<http://www.ams.org/conm/540/>) (<http://dx.doi.org/10.1090/conm/540/10663>) Multiple non-trivial solutions of the Dirichlet problem for the prescribed mean curvature equation / Franco Obersnel and Pierpaolo Omari -- (<http://www.ams.org/conm/540/>) (<http://dx.doi.org/10.1090/conm/540/10664>) Limits as  $p(x) \rightarrow \infty$  of  $p(x)$ -harmonic functions with non-homogeneous Neumann boundary conditions / Mayte Perez-Llanos and Julio D. Rossi -- (<http://www.ams.org/conm/540/>) (<http://dx.doi.org/10.1090/conm/540/10665>) Bifurcation and decay of solutions for a class of elliptic equations on  $\mathbb{R}^N$  / C. A. Stuart -- (<http://www.ams.org/conm/540/>) (<http://dx.doi.org/10.1090/conm/540/10666>) Existence of nodal solutions for some nonlinear elliptic problems / Sebastien de Valeriola and Michel Willem -- (<http://www.ams.org/conm/540/>) (<http://dx.doi.org/10.1090/conm/540/10667>) Admissible  $Q$ -curvatures under isometries for the conformal GJMS operators / Frederic Robert -- (<http://www.ams.org/conm/540/>) (<http://dx.doi.org/10.1090/conm/540/10668>)

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