

Title: New phenomena in the study of double phase equations

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Abstract: We are concerned with two classes of double phase problems and we consider both the isotropic case and the anisotropic setting. We point out some striking new phenomena, which do not appear in the standard case of nonlinear elliptic equations.

报告人简介: Vicentiu D. Radulescu, 克拉约瓦大学教授、罗马尼亚国家科学院和波兰AGH科技大学终身教授。博士毕业于巴黎六大, 师从世界著名偏微分方程专家Haim Brezis教授。主要从事非线性椭圆方程、带退化和奇异线性的数学物理方程、非齐次微分算子的谱分析及其在电流变液中的应用等工作, 尤其在非线性分析和非线性椭圆方程方面具有较深的学术造诣和威望, 出版专著12部, 发表高水平和高影响的学术论文474篇, 论文被引用10596次, 连续多年都是高被引科学家, 多次主持罗马尼亚国家科学研究委员会科研项目, 应邀主题发言、大会报告和邀请报告50余次, 作为大会主席组织了多个专题国际学术大会, 得到了国际学术界的高度认可。

Organizer: Quanqing Li, Department of Mathematics