



2025年系列学术活动

报告题目：Ground states with prescribed mass: supercritical case and some perspectives

报告人：Vicentiu Radulescu

报告摘要：

I shall give some recent results concerning the qualitative analysis of normalized ground states to a class of elliptic equations with unbalanced growth and lack of compactness. The analysis is carried out provided that reaction satisfies weak mass supercritical conditions. Some perspectives and open problems are discussed in the final part of this talk.

报告时间：2025年12月22日 21:00

报告地点：腾讯会议（会议号：834397654）

报告人简介： Prof. Vicentiu Radulescu received his PhD at the Sorbonne University in Paris under the coordination of Haim Brezis with the highest degree. He has also the Habilitation degree (State Doctorate) at the Sorbonne University in France and AGH University in Poland. Vicentiu Radulescu is Full Professor at the University of Craiova (Romania) and AGH University of Krakow (Poland). He has also permanent research positions at the Institute of the Romanian Academy in Bucharest and at the Brno University of Technology (Czech Republic). He created the China-Romania Research Center in Applied Mathematics and 18 Chinese researchers and PhD students visited until now this Center for one or two years with the financial support of the China Scholarship Council. Professor Radulescu published until now 10 books with Oxford University Press, Cambridge University Press, Springer New York, Springer Heildeberg, Springer Switzerland, American Mathematical Society, Academic Press, Taylor & Francis, Birkhauser and Kluwer. He also published more than 500 papers in prestigious journals including JMPA, Math. Annalen, Math. Z., Calculus of Variations and PDE, Journal of Differential Equations, Indiana University Mathematical Journal, Nonlinearity, Annales Institut Henri Poincare, Annales Institut Fourier, Israel Journal of Mathematics, Journal d'Analyse Mathematique, Proceedings A of the Royal Society of London, Bulletin of the London Mathematical Society, etc. Professor Radulescu is the founded and the Editor-in-Chief of Advances in Nonlinear Analysis. Recently he was appointed as Editor-in-Chief of Bulletin of Mathematical Sciences. In 2024, Vicentiu Radulescu received the Prize of the Prime Minister of Poland for his achievements in Mathematics.



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