Serial Reports

Biology Medicine
Mathematics

New phenomena in anisotropic double-phase problems
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Beijing time: Wed., July 8, 2020,   3:00 -4:00 pm
Romanian time: Wed., July 8, 2020,   10:00 -11:00 am
Meeting ID: 243 450 855
https://meeting.tencent.com/s/tR99XfJTeuPi

Abstract: We are concerned with new phenomena in the qualitative analysis of some anisotropic models described by nonhomogeneous differential operators with double-phase associated energy. The main topics of this talk include the following research directions:
1. Double phase anisotropic problems;
2. Double phase transonic flow problems with variable growth;
3. Problems with nonstandard growth and mixed regime.
The proofs combine variational, topological and analytic methods. This talk includes perspectives and several open problems.

Prof. Vicentiu Radulescu is a Full Professor at the University of Craiova (Romania) and also a Professorial Fellow at the Institute of Mathematics of the Romanian Academy in Bucharest. He published about 350 papers and 12 books with the best publishers in the world. He is a Highly Cited Researcher and has been the Principal Investigator of several research projects.

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