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ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK
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-
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NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS Volume: 50

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 19. **Tykhonov well-posedness of a frictionless unilateral contact problem**

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1081286519884347 Published: JUN 2020

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 21. **Solvability and optimization for a class of mixed variational problems**

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MATHEMATICS** Volume: 149 Issue: 2 Pages: 471-494 Published:
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Published: 2019

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JOURNAL OF VIROLOGY Volume: 92 Issue: 14 Article Number: e00139-18 Published: JUL 2018
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JOURNAL OF THEORETICAL AND APPLIED MECHANICS Volume: 56 Issue: 2 Pages: 483-496 Published: APR 2018
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COMPUTERS & MATHEMATICS WITH APPLICATIONS Volume: 75
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Date: MAY 30-JUN 03, 2016
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MATHEMATICS AND MECHANICS OF SOLIDS Volume: 23 Issue: 3
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