Preface

Guido Schneider¹

Published online: 24 August 2020

© Deutsche Mathematiker-Vereinigung and Springer-Verlag GmbH Deutschland, ein Teil von Springer Nature 2020

Tropical geometry is an efficient combinatorial tool to study degenerations in algebraic geometry. In her overview article Hannah Markwig introduces ‘Tropical Curves and Covers and Their Moduli Spaces’ and demonstrates with a number of examples how they can be applied in algebraic geometry.

The global consequences of the COVID-19 pandemic are still not foreseeable. In the survey ‘On COVID-19 Modelling’ Robert Schaback explains the modeling of such diseases, with the focus on the SIR model. A data-based extension of the model is presented, which also incorporates the development of the number of infected people not recorded by tests.

We hope that you enjoy reading this issue.

Publisher’s Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

✉ G. Schneider
guido.schneider@mathematik.uni-stuttgart.de

¹ Institut für Analysis, Dynamik und Modellierung Universität Stuttgart, Pfaffenwaldring 57, 70569, Stuttgart, Germany