# **Special Issue**

# Algebraic Combinatorics in Data Science and Optimisation

### Message from the Guest Editor

Nowadays, data science and optimization are attractive fields. There is no doubt that algebraic and combinatorial methods are extremely useful in this research field. Combinatorics, on the other hand, is a broad field, and algebraic combinatorics in particular has made tremendous progress over the past quarter century and continues to develop as a research field that organically links combinatorics and various branches of algebra. This Special Issue aims to capture the shades of algebraic combinatorics that emerge in data science and optimization research to provide new topics in algebraic combinatorics from the perspective of applied mathematics, and to give birth to a novel trend in algebraic combinatorics.

#### **Guest Editor**

Prof. Dr. Takayuki Hibi

Department of Pure and Applied Mathematics, Graduate School of Information Science and Technology, Osaka University, 1-5 Yamadaoka, Suita 565-0871, Osaka, Japan

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AppliedMath
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appliedmath@mdpi.com

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#### **Editor-in-Chief**

#### Prof. Dr. Takavuki Hibi

Department of Pure and Applied Mathematics, Graduate School of Information Science and Technology, Osaka University, 1-5 Yamadaoka, Suita 565-0871, Osaka, Japan

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