This research book provides the reader with a selection of high-quality texts dedicated to the recent advances, developments, and research trends in the area of feature selection for data and pattern recognition.

The book can be treated as a continuation of our previous multi-authored volume as below:

Urszula Stańczyk, Lakhmi C. Jain (Eds.)
Feature Selection for Data and Pattern Recognition
Studies in Computational Intelligence vol. 584
Springer-Verlag, Germany, 2015

In particular, this second volume points to a number of advances topically subdivided into four parts:

- nature and representation of data;
- ranking and exploration of features;
- image, shape, motion, and audio detection and recognition;
- decision support systems.

The volume presents one introductory and 14 reviewed research papers, reflecting the work by 33 researchers from nine countries, namely Australia, Brazil, Canada, Germany, Hungary, Poland, Romania, Turkey, and USA.

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