

# Preface

Since the publication of the second edition in 2012, several people have again given us their valued feedback, and have thus contributed to the publication of this third edition. We are thankful to them for their input.

In the latest edition, new items from very active research areas in the use of distances and metrics such as geometry, graph theory, probability theory, and analysis have been added. We have kept the structure, but have revised many topics, simplifying, shortening, and updating them, especially in Chaps. 23–25 and 27–29.

Among the new topics included are, for example, polyhedral metric spaces, nearness matrix problems, distances between belief assignments, distance-related animal settings, diamond-cutting distances, natural units of length, Heidegger's de-severance distance, and brain distances in Chaps. 9, 12, 14, 23, 24, 27, 28, and 29, respectively.

We would also like to thank the team at Springer for their very efficient and friendly assistance.

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Michel Marie Deza  
Elena Deza

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Deza, M.M.; Deza, E.

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