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★ **Encyclopedia of distances.**

With 1 CD-ROM (Windows, Macintosh and UNIX).

Springer-Verlag, Berlin, 2009. xiv+590 pp. \$229.00. ISBN 978-3-642-00233-5

This book is true to its title—it gives the basic definitions having to do with metric spaces and distances (geodesics, convexity, etc.), and then discusses (seemingly) every possible distance-like thing, from the following distance at speed to Kullback-Leibler distance (of information theory) to distances arising in cell biology. The book has a lot of breadth and essentially no depth (presumably to keep the size manageable).

Reviewed by *Igor Rivin*

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