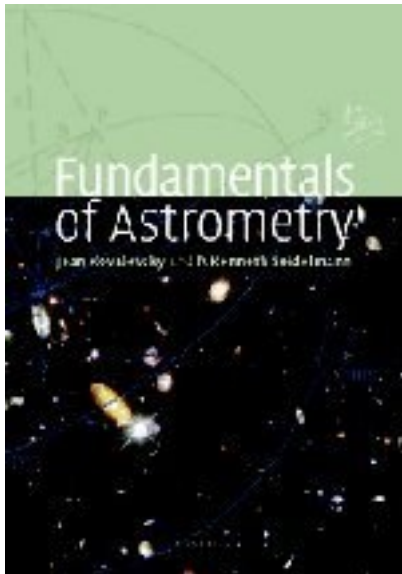


Fundamentals of Astrometry



[Fundamentals of Astrometry_ 下载链接1_](#)

著者:Kovalevsky, Jean/ Seidelmann, P. Kenneth

出版者:Cambridge Univ Pr

出版时间:2004-6

装帧:HRD

isbn:9780521642163

Astrometry encompasses all that is necessary to provide the positions and motions of celestial bodies. This includes observational techniques, instrumentation, processing and analysis of observational data, reference systems and frames, and the resulting astronomical phenomena. Astrometry is fundamental to all other fields of astronomy, from the pointing of telescopes, to navigation and guidance systems, to distance and motion determinations for astrophysics. In the last few decades, new observational techniques have enabled improvements in accuracy by orders of magnitude. Starting from basic principles, this 2004 book provides the fundamentals for this new astrometry at milli- and micro-arcsecond accuracies. Topics include: basics of general relativity; co-ordinate systems; vectors, tensors, quaternions, and observational uncertainties; determination and use of the celestial and terrestrial reference systems and frames; applications of new observational techniques; present and future star catalogues and double star astrometry. This comprehensive reference will be

invaluable for graduate students and research astronomers.

作者介绍:

目录:

[Fundamentals of Astrometry_ 下载链接1](#)

标签

评论

[Fundamentals of Astrometry_ 下载链接1](#)

书评

[Fundamentals of Astrometry_ 下载链接1](#)