

Relativistic aspects of the IERS Conventions

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A number of relativistic issues will be considered in the context of the IERS conventions. First of all, the issue of "units" (Section 1.2 of IERS Conventions (2003)) will be discussed. A consistent wording for TT-, TDB-, TCB- and TCG-compatible quantities will be suggested. The wording and content of Chapters 10 and 11 will be then discussed from the point of view of the IAU framework for relativity. Finally, relativity-related refinements of the IERS Conventions that are likely to be necessary in the future will be sketched.