

Foreword

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This third edition cancels and replaces the second edition (ISO/IEC 18026:2009) which has been technically revised.

The main changes are as follows:

- 1) Comprehensive and improved treatment of geodesics
- 2) Similarity transformation templates (STT)
- 3) Revisions to *Clause 12 Profiles* and *Clause 14 Conformance*, as well as informative Annex I.6 to cover positional error measurement cases
- 4) Improved accuracy domains in the Default Profile
- 5) Incorporation of a new *Clause 6 Orientation – change of basis and rotation*
- 6) Revision to *Clause 5 Coordinate Systems*, *Clause 8 Spatial Reference Frames*, and *Clause 10 Operations*
- 7) Other improvements throughout the standard, including editorial and self-consistency improvements, incorporation of new figures, and correction of defects.