

# ISO 19137:2007-05 (E)

## Geographic information - Core profile of the spatial schema

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Conformance .....	1
3	Normative references .....	1
4	Terms, definitions, symbols and abbreviated terms .....	1
5	Geometry packages .....	1
5.1	Class diagram .....	1
5.2	Omitted constructs .....	3
5.3	Classes retained without additional constraints .....	3
5.4	Concrete classes made abstract .....	3
5.5	Associations .....	3
5.6	GM_Position .....	5
5.7	GM_CurveSegment .....	5
5.8	GM_CurveInterpolation .....	5
5.9	GM_SurfaceInterpolation .....	5
5.10	GM_SurfacePatch .....	5
5.11	GM_Polygon .....	6
5.12	GM_CompositeCurve .....	6
6	Topology packages .....	6
Annex A (informative)	Supported specifications .....	7
Annex B (normative)	Abstract test suite .....	8
Annex C (informative)	Extending the core .....	9
Annex D (informative)	Examples .....	11
Bibliography .....		13