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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 16656.509-2010

**Industrial automation systems and integration -- Product data
representation and exchange -- Part 509: Application
interpreted construct: Manifold surface**

工业自动化系统与集成 产品数据表达与交换 第509部分：应用解释构造：流形曲面

(English Translation)

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What this standard covers

This Standard specifies the integrated interpretation resources to meet the aid of manifold surface model describes the geometry requirements. This Standard is applicable to: a three-dimensional point; the point in the curve or surface defined parameter space; three-dimensional curve; curve in surface parameter space defined; This standard does not apply to: unbounded geometry; self-intersecting geometry; in two-dimensional Cartesian Copy the point; ; children geometric coordinate space domain associated with the corresponding geometric topology; non-manifold.

Document data

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Standards quoted by this document

GB/T 16262.1; GB/T 16656.41-1999; GB/T 16656.42-1998; GB/T 16656.43-1999; GB/T 16656.202-2000; ISO 10303-1-1994; ISO 10303-11-1994; ISO 10303-511-2001