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

GB/T 16656.42-2010

Replacing GB/T 16656.42-1998

**Industrial automation systems and integration -- Product data
representation and exchange -- Part 42: Integrated generic
resources: Geometric and topological representation**

工业自动化系统与集成 产品数据表达与交换 第42部分：集成通用资源：几何与
拓扑表达

(English Translation)

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Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard provides for the shape of the product geometry and topology explicitly expressed resource structure, the scope of the ideal model of a need expressed explicitly determined, but does not include a feature to indicate implicit geometric tolerances and expression. Chapter 4 of the geometry and topology of Chapter 5 can be independently applied Qieyi widely used in Chapter 6, the geometry of the model described in a variety of shapes. In addition, this section also provides a range of conceptual representation of geometric elements.

Document data

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Standards quoted by this document

GB/T 16262.1-2006; GB/T 16656.1-2008; GB/T 16656.43-2008; GB/T 16656.11-2010; ISO 10303-41-2000