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Space terminology - Space debris

航天术语 空间碎片

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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1 Scope

This document defines terms related to space debris and their definitions.

This document is applicable to scientific research, engineering practice and academic exchanges related to the field of space debris.

2 Normative references

This document has no normative references.

3.1 space object spaceobject

Natural objects (celestial bodies) and man-made objects that orbit in the universe.

3.2 Meteoroid

Small celestial bodies in the solar system with sizes ranging from 30 μ m to 1m.

3.3 Micrometeoroid

Small, dust-sized meteoroids.

Note. Usually refers to meteoroids with a size less than 1 mm.

[Source. GB/T 32452-2015, 3.8.2.2, modified]

3.4 Small solar system body

Solar system bodies other than planets, dwarf planets and their satellites.

3.5 asteroid

Small rocky solar system bodies ranging in size from 1m to about 1000km.

3.6 Near Earth Object (NEO)

Small Solar System bodies with orbital perihelion distances less than 1.3 AU.

Note. Includes two major categories. near-Earth asteroids and near-Earth comets.

3.7 Near Earth Asteroid;NEA

Asteroids with an orbital perihelion less than 1.3 AU.

3.8 comet comet

Small solar system bodies composed of ice, dust, and larger rocks that typically move in elliptical orbits.