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REVIEW OF MMOD SHIELDING OF THE CHINESE SPACE STATION

Abstract

The Chinese space station is expected to have a mass between 60 and 70 tons, and will be the largest spacecraft ever been launched into orbits in China history. How to shield the station from risks of micro-meteoroid and space debris is a very important technology. The paper summarizes the development history of the shielding technology for Chinese space station, including of risk assessment, shielding structure development and optimization.