

Pavlo NEYEZHMAKOV, Stanislav ZUB, Sergiy LYASHKO, Irina YALOVEGA, Nataliia LYASHKO. Instrument Element and Grid Middleware in Metrology Problems. Computational Methods and Mathematical Modeling in Cyberphysics and Engineering Applications 1 – Chapter 13, *pages 345–354 (2024)*. <https://doi.org/10.1002/9781394284344.ch13>

Abstract

Coordination and management of measurement processes, often separated by long distances, require support from modern information technology. It is believed that such support can be provided through Internet technology. However, this system does not provide the possibility to control measurement and computational processes, and the transmitted data are constantly at risk of falsification and even irreversible loss.

Keywords: Grid, metrology, cybernetics, Internet technology.