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	 1.4.6.1. Stage 1: primary technical requirements (unavoidably necessary) 1.4.6.2. Stage 2: secondary technical requirements (desirable)1.4.7. Technical assistance for users of measuring instruments; 1.4.7.1. The EXERA (France); 1.4.7.2. VDI/VDE-GMA (Germany); 1.5. The traceability of the measurements; 1.5.1. The necessity of traceability of the measurements; 1.5.2. Calibration requirements; 1.5.3. The selection of standards; 1.6. Conclusion; Chapter 2. Organization of Metrology: Industrial, Scientific, Legal; 2.1. A metrological organization: why?; 2.2. Metrology: how?; 2.3. Scientific and technical metrology; 2.3.1. The BIPM
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Sommario/riassunto	Metrology is an integral part of the structure of today's world: navigation and telecommunications require highly accurate time and frequency standards; human health and safety relies on authoritative measurements in diagnosis and treatment, as does food production and trade; global climate studies also depend on reliable and consistent data. Moreover, international trade practices increasingly require institutions to display demonstrated conformity to written standards and specifications. As such, having relevant and reliable results of measurements and tests in compliance with mutually rec