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Sommario/riassunto	Methods of temperature measurement using radiation thermometers, also referred to as optical or infrared pyrometers, are becoming more attractive for industrial applications. In addition to the noncontact and remote sensing advantages, the methods can be realized by a wide selection of thermometer types. With the growing use of computers for control purposes and the increased opportunity for improving process productivity and product quality, it has become essential to understand better the performance of radiation thermometers in the industrial environments where they are applied.