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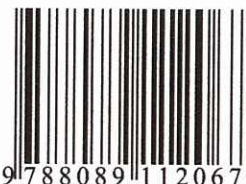
This publication introduces exercises prepared as a part of the multimedia training package METROMEDIA-ONLINE. The training package (and the book of exercises) was developed under the support of the European Commission in the framework of the Leonardo da Vinci program, project No. A/01/B/F/PP-124.137.

The publication is structured in two parts, containing exercises for 19 modules, which were prepared by leading experts coming from the European Union countries. The first part contains only tasks of individual exercises; the second part contains exercises with the step-by-step solutions.

Content

- * Quantities and units
- * Measuring principles
Measuring instruments
- * Physical principles of sensors
- * Imaging and computer vision
- * Measurement of temperature
- * Pressure measurement
- * Measurement of flow rate, delivered amount
of liquid and a flow velocity
- * Measurement of level
- * Measurement of length, position, dimension
- * Measurement of angle
- * Measurement of frequency of rotation
- * Measurement of humidity
- * Measurement of force
- * Measurement of voltage
- * Measurement of current
- * Design of experiment (measurement)
- * Uncertainty of measurement
- * Measurement management systems

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The multimedia training package METROMEDIA-ONLINE is available in four languages – English, German, French and Slovak - at the Internet web site www.mtromedia-online.com or alternatively on DVD. Further information is available at the above-mentioned web site or at the e-mail address mtromedia@ai.tuwien.ac.at

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