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measurement is defined as the process of comparison of an unknown quantity with a known or standard quantity contents 1 methodology 2 standardization of measurement units 2 1 standards 3 units and systems 3 1 imperial and us customary systems 3 2 metric system 3 2 1 international system of units 3 2 1 1 converting prefixes 3 3 length authors are encouraged to submit novel material representing achievements in the field whose ultimate goal is an enhancement of the state of the art of subjects such as measurement and metrology fundamentals measurement science sensors measurement instruments measurement and estimation techniques measurement data processing and fusion algorithms as in size the total amount of measurable space or surface occupied by something the measurement of the average house lot in that neighborhood is half an acre there are various units of measurement depending on its type for example the measurement units of length are meters centimeters inches feet etc for mass we have kilograms grams pounds tons etc there is a way to classify various measurement units into two types metric system and the u s standard system imperial system of measurement in each of these jul 2 2019 in science a measurement is a collection of quantitative or numerical data that describes a property of an object or event a measurement is made by comparing a quantity with a standard unit since this comparison cannot be perfect measurements inherently include error which is how much a measured value deviates from the true value noun mea sure ment ?me zh?r m?nt ?m? synonyms of measurement 1 the act or process of measuring 2 a figure extent or amount obtained by measuring dimension 3 measure sense 2b synonyms bulk dimension extent magnitude measure proportion size see all synonyms antonyms in thesaurus example sentences measurement m?zh ?r m?nt a method of determining quantity capacity or dimension several systems of measurement exist each one comprising units whose amounts have been measurement theory is the study of how numbers are assigned to objects and phenomena and its concerns include the kinds of things that can be measured how different measures relate to each other and the problem of error in the measurement process any general theory of measurement must come to grips with three basic problems error representation which is the measurement is finding a number that shows the size or amount of something there are two main systems of measurement metric and us standard metric introduction to the metric system with maggie the metric system of measurement metric numbers us standard units introduction to us standard units with maggie meas ure ment m?zh ?r m?nt n 1 the act of measuring or the process of being measured 2 a system of measuring measurement in miles 3 the dimension quantity or capacity determined by measuring the measurements of a room conversion between metric and u s customary units from u s customary to metric from metric to u s

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