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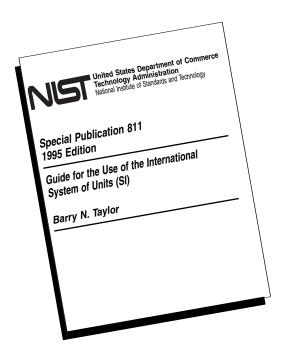
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# A Guide for the Use of the Modern Metric System NIST Special Publication 811, 1995 Edition



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The 1995 Edition of the National Institute of Standards and Technology Special Publication 811, Guide for the Use of the International System of Units (SI), by Barry N. Taylor, is now available.

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The topics covered by SP 811 include:

- NIST policy on the use of the SI in NIST publications.
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  prefixes that are used to form decimal multiples and submultiples of SI units.
- Those units outside the SI that may be used with the SI and those that may not.
- Rules and style conventions for printing and using quantity symbols, unit symbols, and prefix symbols, and for spelling unit names.
- Rules and style conventions for expressing the results of measurements and the values of quantities.
- Definitions of the SI base units.
- Conversion factors for converting values of quantities expressed in units that are mainly unacceptable for use with the SI to values expressed mainly in units of the SI.
- Rounding numbers and rounding converted numerical values of quantities.

Single copies of the 84-page NIST SP 811, 1995 Edition, may be obtained by contacting the NIST Metric Program, 100 Bureau Drive, Stop 2000, Gaithersburg, MD 20899-2000; telephone: 301-975-3690; fax: 301-948-1416; email: metric\_prg@nist.gov. NIST SP 811 is also available online at the NIST Web site entitled "NIST Reference on Constants, Units, and Uncertainty," physics.nist.gov/cuu.

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