Logarithmic Tables

By George William Jones

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 160 pages. Dimensions: 9.0in. x 6.0in. x 0.4in.An excerpt from the book: EXPLANATION OF THE TABLES. COMMON LOGARITHMS. FORM OF A LOGARITHM. The Logarithm of a number is the exponent of that power to which another number, the base, must be raised to give the number first named. The base commonly used in computation is 10, and as most numbers are incommensurable powers of 10, a common logarithm, in general, consists of an integer, the characteristic, and an endless decimal, the mantissa. If a number be resolved into two factors, of which one is an integer power of 10 and the other lies between 1 and 10, then the integer exponent of 10 is the characteristic, and the logarithm of the other factor is the mantissa. The characteristic is positive if the number be larger than unity, and negative if it be smaller; the mantissa is always positive. A negative characteristic is indicated by the sign above it. E. g. , 7770 103 x 7. 77, and log 7770 3. 890421, . 0777 10-2 x 7. 77, and log . 0777 2. 890421. The logarithms...

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