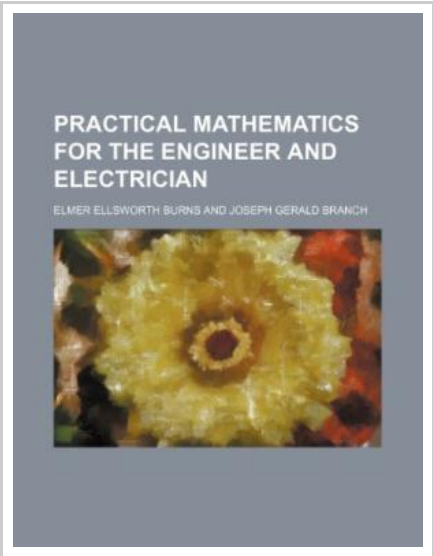

Practical mathematics for the engineer and electrician

By Elmer Ellsworth Burns

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 28 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1912 Excerpt: . . . feet, w 6 feet and v 168. --Answer, h 4 feet. 4. In the equation a wr2, if r 2 feet, what does a equal--Answer, a 12. 5664 square feet. 5. In the equation c 2 it r, if r 2, what does c equal--Answer, c 12. 5664 feet. We have learned that we can find the volume of a circular tank by multiplying the area of the base by the height. Now, the equation for the area is as we have just seen: a---a r2. Therefore, if v is the volume and h the height, v--a times h, or ah, which equals it r2 h. Since a it r2, multiplying a by h is the same as multiplying it r2 by h. So we say ah it r2 h. Hence v ah it r2 h. 6. Using the above equation, find the capacity of a...

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