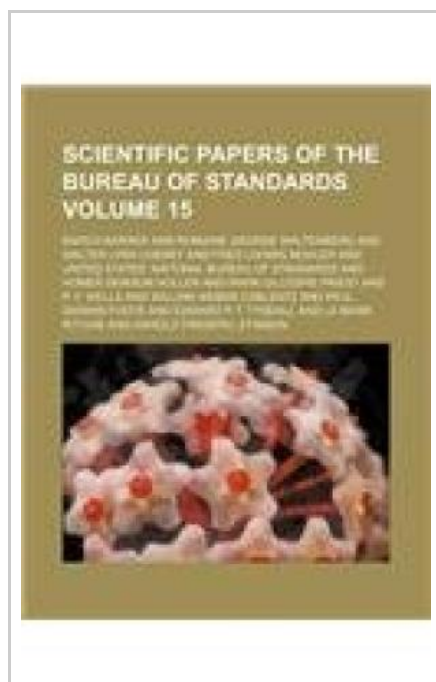




Scientific Papers of the Bureau of Standards Volume 15 (Paperback)

By Enoch Karrer

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.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. 1920 Excerpt: .circuit between filament and plate, eliminating the capacity C_s and putting C_1 and C_2 in parallel between grid and filament. 136038--19 2 As R_p increases relative to r_p , both r_g and c_g increase. r_t can increase to nearly the order of r_p . The variation in c_t can be expressed by the equation $-C_4 + C_1 + C_2 (A_1/A_2)$ (ao) From this it appears that the capacity C_2 between grid and filament is important in increasing the apparent input capacity. The maximum increase (for i_p/r_p) is $k C_2$. It is of interest $k R$ to note that the quantity $-i_p/r_p$ is, under the assumed frequency conditions, the ratio of the voltage across R_p to the input V_{io} . 3.-- Variation of input characteristics with resistance load in the plate circuit voltage E_g and hence determines the voltage amplification per stage of a resistance coupled amplifier. Thus the apparent input capacity can...



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