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$Q = C \times V \times [1 - E^{-t/RC}]$  The Charging Current Decays According To The Equation:  $I = V/R \times E^{-t/RC}$  Where  $E = 2.7182818$ , The So-called "natural Number," Or The Base Of Natural Logarithm,  $\ln(x)$ . Many Physical And Even Economical Phenomena Can Be Explained And Described By Using Exponential Or Logarithmic Functions. Note That In Practice, The Charging Current Does Not Reach Zero And Tends ... 29th, 2024

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