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Deriving Fourier Transform From Fourier Series FT Of Unit Step Function: $F(t) = \int F(\omega) Dw \dots$ Any Function F Can Be Represented By Using Fourier Transform Only When The Function Satisfies Dirichlet's Conditions. I.e. The Function F Has Finite Number Of Maxima And Minima. There Must Be Finite Number Of Discontinuities In The Signal F , in The Given Interval Of Time. Mar 2th, 2024

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