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A First Course in Fourier Analysis

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Through expansive coverage and easy-to-follow explanations, A First Course in Wavelets with

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Fourier Analysis. The first three successive partial Fourier series (shown in red) for a square wave (shown in blue). The second half of the course is devoted to Fourier series and Fourier integrals. (Image by user Jim.belk on Wikipedia and is in the public domain.)

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