Lecture 20

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- Amplitude modulation

Fourier Series: Synthesis and Analysis

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- Time-frequency duality is more prominent in DFT than in Fourier series.

Even and Odd Symmetry

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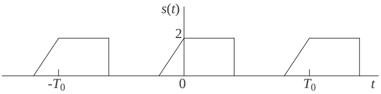

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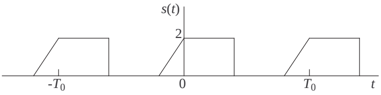

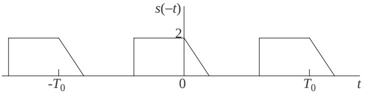

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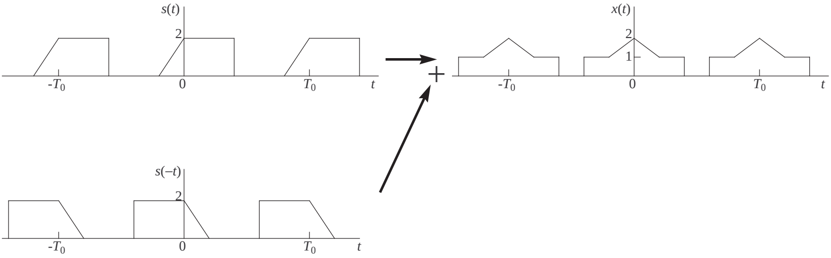

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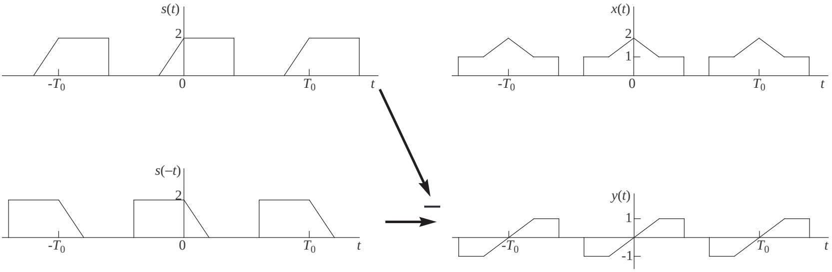

Example: Time Delay

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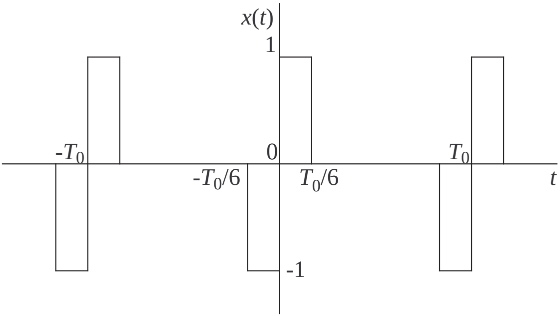

Example: Modulation

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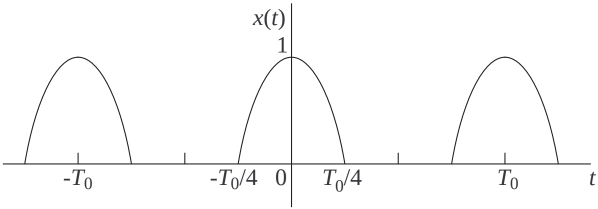
Half-wave rectification:



Half Wave: Fourier Series Coefficients

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