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signal processing principles, and algorithms, can be applied in the analysis of that process (or system). 1.18 There is an often-used process in DSP called decimation, and in that process we retain some samples of an $x(n)$ input sequence and discard other $x(n)$ samples.

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4: Linear Time Invariant Systems

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February 20, 2009

Lecture 1 1 Systems of linear equations Linear systems

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Digital Signal Processing - Linear Systems - A linear system follows the laws of superposition. This law is necessary and sufficient condition to prove the linearity of the system. Apart from this, the sys

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