

DIGITAL SIGNAL PROCESSING: COSC390

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QUIZ 1

Suppose the following symbol represents an LTI system that delays the input signal by n samples:



Figure 1: An LTI system that delays the input by n samples.

QUIZ 1

Write or graph the transfer function $r[n]$, that represents $z[n] = r[n] \circ x[n]$:

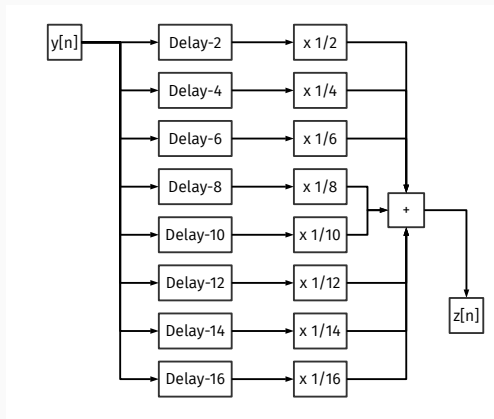


Figure 2: A combination of LTI systems.