

Pulse Shaper

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This blocks applies a raised-cosine filter to the signal. The filter's transfer function is defined by the vector *impulseResponse*.

Input Parameters

- filterType
- impulseResponseTimeLength
- rollOffFactor

Functional Description

Input Signals

Number: 1

Type: Sequence of Dirac Delta functions (ContinuousTimeDiscreteAmplitude)

Output Signals

Number: 1

Type: Sequence of impulses modulated by the filter (ContinuousTimeContiousAmplitude)

Example

Sugestions for future improvement

Introduce other types of filters.