Amplifier

October 19, 2016

Input Parameters

- setAmplification
- setNoiseAmplitude

Functional Description

This block accepts one real signal and outputs one real signal built from multiplying the input signals by a predetermined value. This block also adds random gaussian distributed noise with a user defined amplitude. The multiplying factor and noise amplitude are defined by the values of *Amplification* and *NoiseAmplitude* respectively.

Input Signals

Number: 1
   Type: Real signal (ContinuousTimeContiousAmplitude)

Output Signals

Number: 1
   Type: Real signal (ContinuousTimeContiousAmplitude)