Sampler

March 24, 2017

This block accepts one real electrical continuous in time signal and outputs a real, electrical and discrete in time signal. The output signal is obtained by sampling the input signal with a predetermined samplig rate.

Input Parameters

- samplesToSkip{ 0 }

Methods

Sampler()

Sampler(vector<Signal *> &InputSig, vector<Signal *> &OutputSig) :Block(InputSig, OutputSig)

void initialize(void)

bool runBlock(void)

void setSamplesToSkip(`t_integer` sToSkip)

Functional description

Input Signals

Number: 1

Type: Electrical real (TimeContinuousAmplitudeContinuousReal)

Output Signals

Number: 1

Type: Electrical real (TimeDiscreteAmplitudeContinuousReal)

Examples

Sugestions for future improvement