**Code**: Resonance\_LinearRandomCyclesInput.m

**Parameter Sets**: ParamSetXX

**Input type:** SIN (sinusoidal), SQW (square-wave), SYN (synaptic-like)

**Common parameter values**

Ain = 1

taudec\_e = 5

Gsyn = 1 (or -1)

Venv\_SIN\_Node\_XX.eps

Imped\_SIN\_Node\_XX.eps

Venv\_SQW\_Node\_XX.eps

Imped\_SQW\_Node\_XX.eps

Venv\_SYNex\_Node\_XX.eps

Imped\_SYNex\_Node\_XX.eps

Venv\_SYNin\_Node\_XX.eps

Imped\_SYNin\_Node\_XX.eps

**Parameter Set XX=01 (node)**

C = 1;

gL = 0.25;

g1 = 0.25;

tau1 = 100;

**Parameter Set XX=02 (focus)**

C = 1;

gL = 0.05;

g1 = 0.3;

tau1 = 100;

**Parameter Set XX=04 (passive)**

C = 1;

gL = 0.05;

g1 = 0;

% tau1 = 100;