

## bldc\_trz.gce

### Attributes

mainvars: theta e1 e2 e3

### Description

bldc\_trz.gce is used to generate trapezoidal waveforms required for a BLDC motor. It takes **theta** as input and produces three waveforms, **e1**, **e2**, **e3** as outputs.

An example is shown in Fig. 1 where **theta** is generated from a constant  $\omega = 100$  rad/s as  $\theta = \int \omega dt$ .

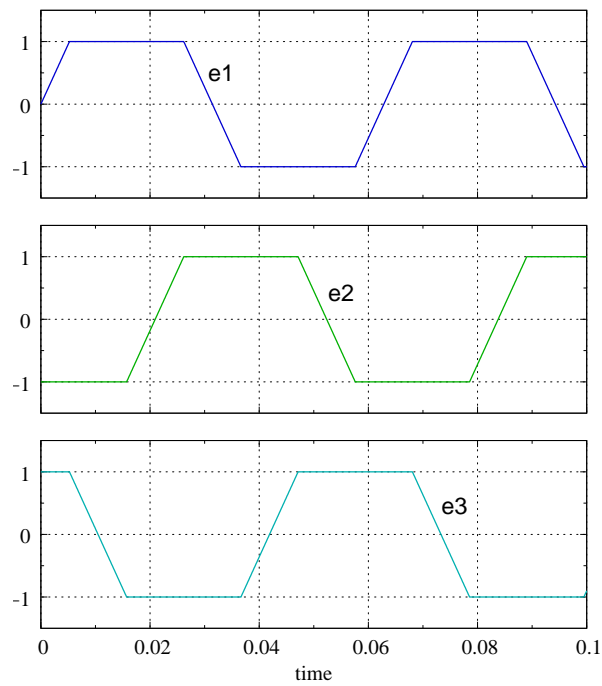


Figure 1: Waveforms obtained with bldc\_trz.gce.