

## pwm20\_2.gce

### Attributes

```
mainvars: sync y
iparms:
+   ndata=2
+   level_0minus=0
rparms:
+   frequency=50
+   g_low=0
+   g_high=1
+   sync_low=0
+   sync_high=1
+   theta_1=90
+   theta_2=120
+   theta_3=0
+   theta_4=0
+   ...
+   ...
+   theta_20=0
```

### Description

pwm20\_2.gce generates pulses at the output (y) after the triggering signal **sync** goes from **sync\_low** to **sync\_high**. The parameters have the following meaning:

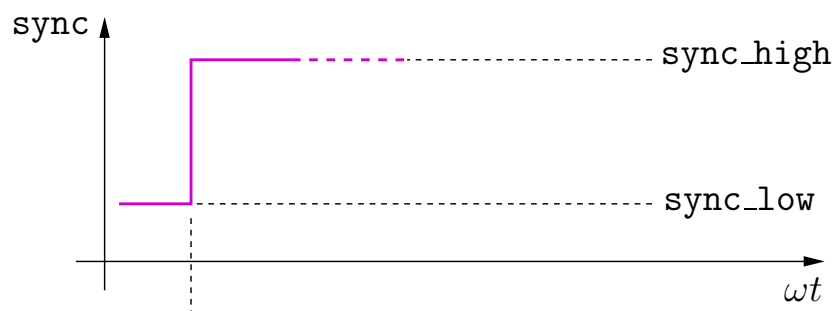
**ndata:** Number of output transitions (up to 20).

**level\_0minus:** If **level\_0minus** is 0, the starting value of the output is low (given by **g\_low**); else, it is high (given by **g\_high**), as shown in the figure.

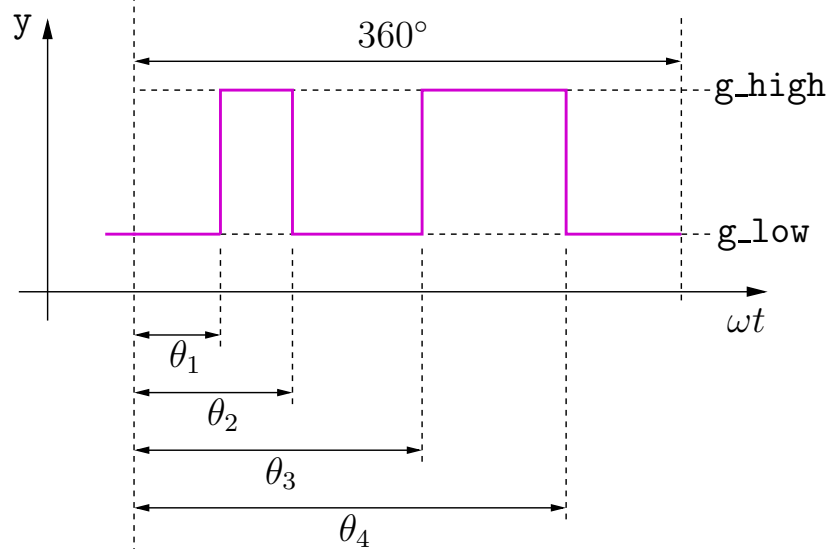
**frequency:** Frequency  $f$  is used to compute the time period (which corresponds to  $360^\circ$ ).

**theta\_1, theta\_2, etc.:** Value of  $\theta_1$ ,  $\theta_2$ , etc. in degrees.

AC behaviour is not implemented.



`level_0minus = 0`



`level_0minus = 1`

