

pwm20_3.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_delay=0
+   theta_1=90
+   theta_2=120
+   theta_3=0
+   theta_4=0
+   ...
+   ...
+   theta_20=0
```

Description

pwm20_3.gce generates pulses at the output (**y**) after the triggering signal **sync** goes from **sync_low** to **sync_high**. The other 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°).

theta_delay: Interval between the rising edge of the **sync** signal and the beginning of the pulse pattern (Δ in the figure).

theta.1, theta.2, etc.: Value of θ_1, θ_2 , etc. in degrees.

AC behaviour is not implemented.

