

* EC

 Terminal 2 ( circuit)

* Electric circuit
* External I Vs. U 1 { (none 1

 0)

 Terminal voltage (ec/term 2)}

* Capacitor{ (none 0

 1)

 1.0E – 6 F

* Ground (none 0)
* EC

 Terminal 1

 10000\*sin(2\*pi\*50\*t[1/s])

I did not understand for what the output voltage is not symmetrical
and what does not has a voltage of 1V is ready (as calculated theoretical value)?

**Diviseur capacitif :**

Vm

C1

C2

Ve

with :

Vm =1V ; C2=1µF ; Ve= 10 kV.

 On à:
$$Vs=\frac{C1 .Ve}{C1+C2}$$

therefore

C 1= 100 pF