## **0.1** Exercise 4: Behaviour Analysis of Circuits Including a 74HC02 Gate

The 74 HC02 is an integrated circuit of NOR gates.

## Propagation and Transition Time' Measurements

|           | No-load | Circuit |
|-----------|---------|---------|
| $t_{pHL}$ |         |         |
| $t_{pLH}$ |         |         |
| $t_f$     |         |         |
| $t_r$     |         |         |

Circuit's Response to Frequency Increment

Alimentation Voltage and Temperature of the IC