Quiz 1

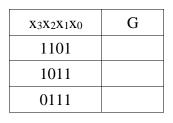
Combinational Circuit Analysis



Instead of square box shown in Fig. 1;

- use OR gate if last digit of your school number is one of 0, 1, 2 or 3
- use AND gate if last digit of your school number is one of 4, 5 or 6,
- use NOR gate if last digit of your school number is one of 7, 8 or 9.
 - 1. Find the Boolean function for the output G shown in Fig. 1.
 - 2. Write the sum of product (SOP) representation of the Boolean function for the output G.
 - 3. Fill in Table 1

Table 1



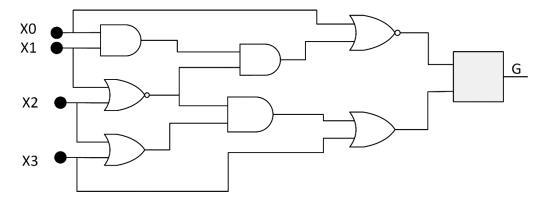


Figure 1