

Thursday Reading Assessment: Chapter 4

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1 Logic Circuits and Boolean Algebra

- (a) Write the boolean expression for the circuit in Fig. 1. (b) Convert the expression to S-SOP form, using $X + \bar{X} = 1$. What is the domain number?

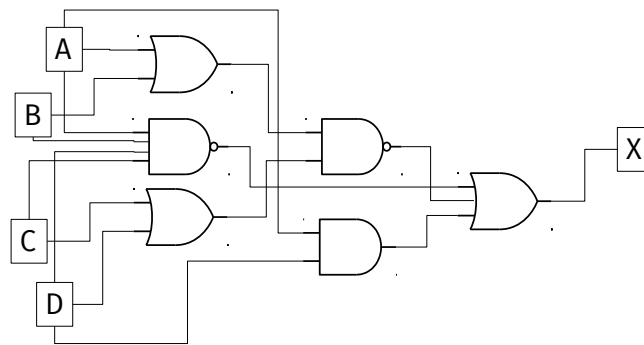


Figure 1: What is the logical expression for the output?

- Determine the truth table (TT) for the circuit in Fig. 1.