Exercise

6.9 Analyze the two-output combinational circuit shown in Figure 6.25.

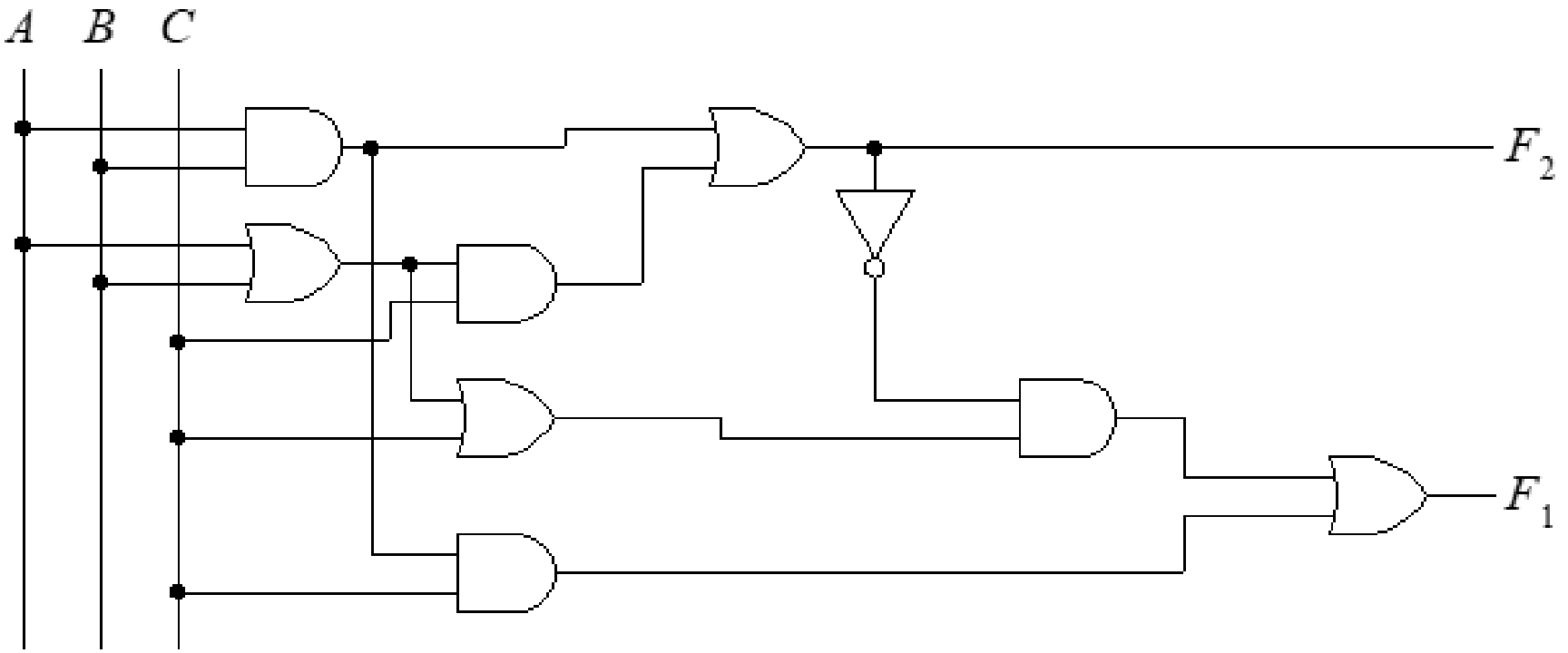

Figure 6.25 Logic diagram for analysis problem 6.9.

Exercise

6.21 Design AND-OR circuits for the following functions

(a) $F(A,B,C,D) = \sum(0,1,8,11)$

(b) $F(A,B,C,D) = \sum(1,2,4,7,9,10,13,14)$

(c) $F(A,B,C,D) = \sum(0,1,3,6,7,8,10,13)$

(d) $F(A,B,C,D) = \sum(0,1,2,3,8,11)$

(e) $F(A,B,C,D) = \sum(0,1,3,6,7,8,11)$