

$$f = A'B'C'D' + AB'C'D' + A'BC'D' + A'B'CD' + AB'CD' + A'BCD' + A'B'CD + AB'CD$$

$$f = A'D' + B'C + B'D'$$

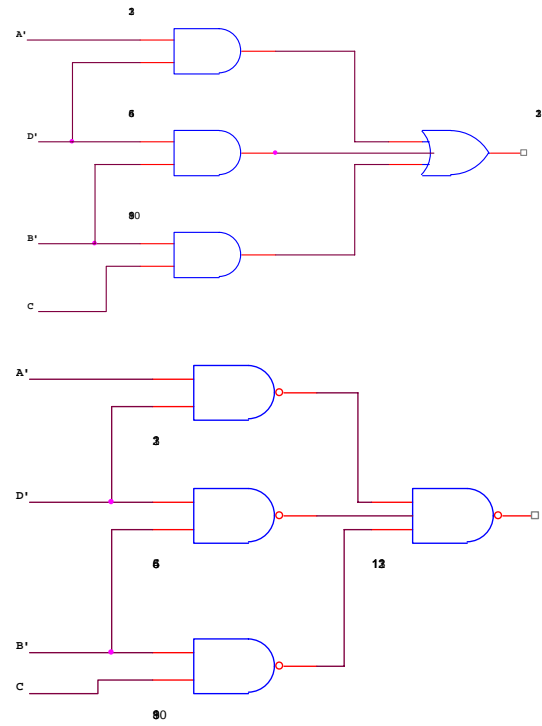


Figure 17. - - Simple-Sum-of Products (SSOP) Logic

$$f = (A' + B')(C + D')(B' + D')$$

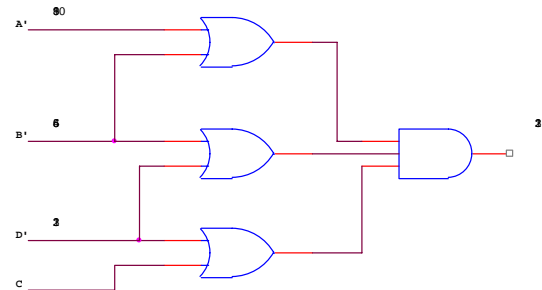


Figure 18. - - Simple-Product-of Sums (SPOS) Logic