Answer on Question #44460, Engineering, Other

Task: Expand the following Boolean functions into their canonical form f(X, Y, Z) =XY+YZ'+XZ'+X'Y?

Answer:

$$f(X,Y,Z) = XY + YZ' + XZ' + X'Y = (X + X')Y + YZ' + XZ' = Y(Z' + 1) + XZ' = Y + XZ'.$$