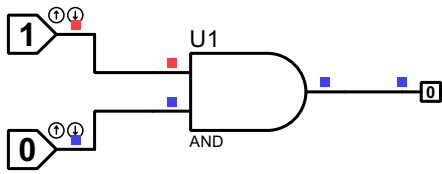
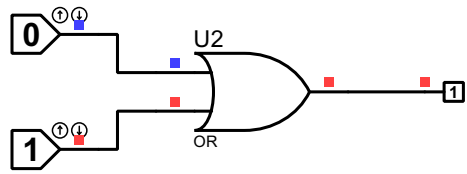


Solving of expressions using boolean algebra

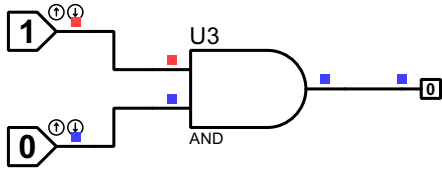
1) $F(X,Y) = X(X'+Y)$



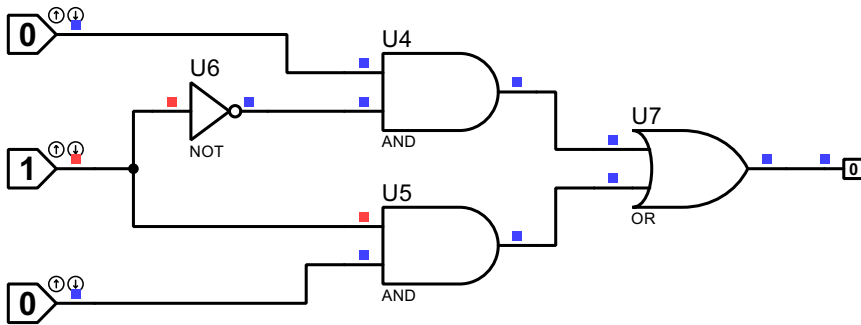
2) $F(X,Y) = X + X'Y$



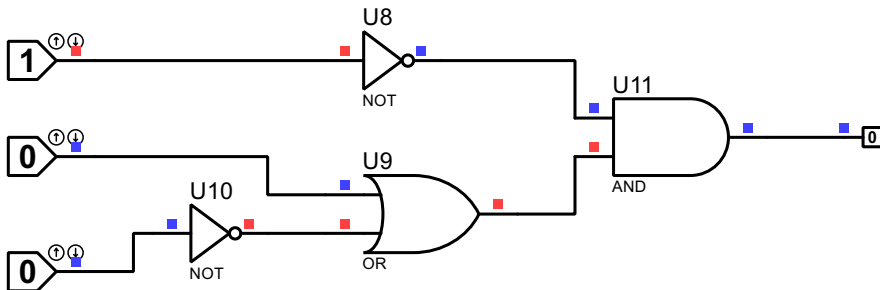
3) $F(X,Y,Z) = (X + Y)(X + Y')(XZ)'$



4) $F(X,Y,Z) = X'YZ + X'YZ' + XZ$



5) $F(X,Y,Z) = X'Y'Z' + X'YZ' + XYZ'$



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