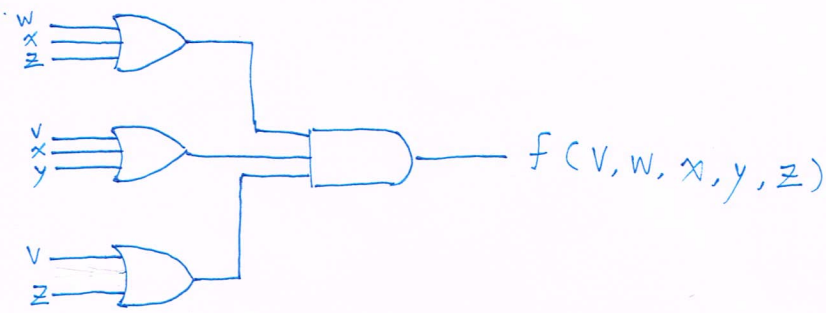
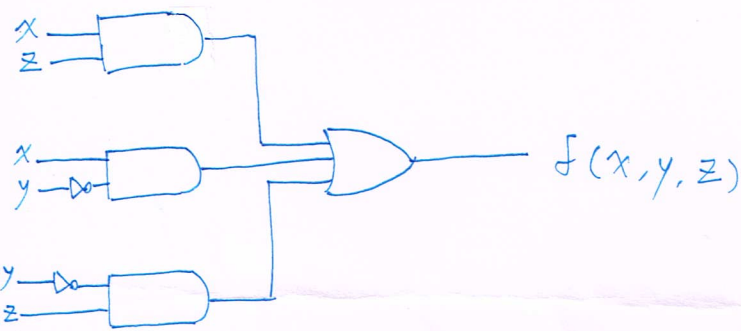


1. 2.21

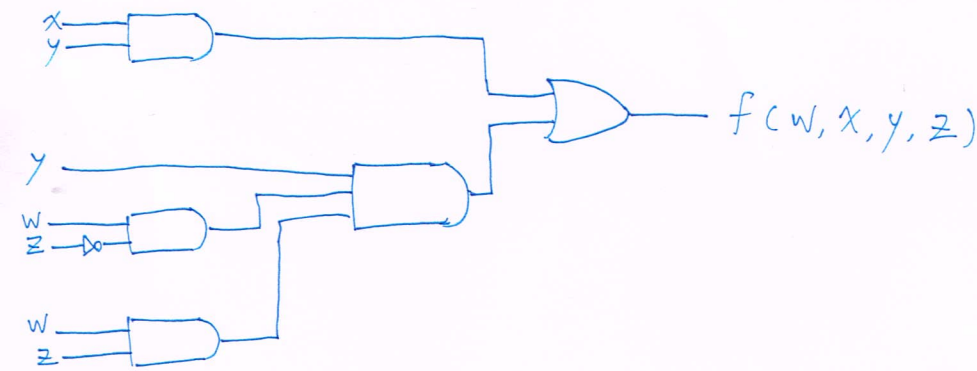
(1) $f(v, w, x, y, z) = (w+x+z)(v+x+y)(v+z)$



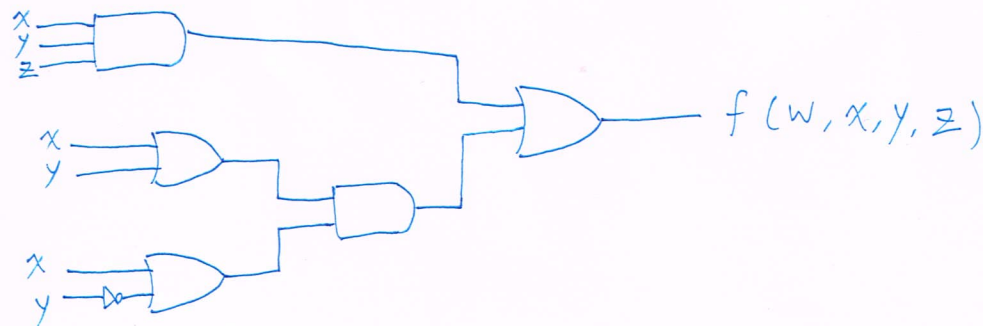
(2) $f(x, y, z) = xz + xy' + y'z$



(3) $f(w, x, y, z) = xy + y(wz' + wz)$

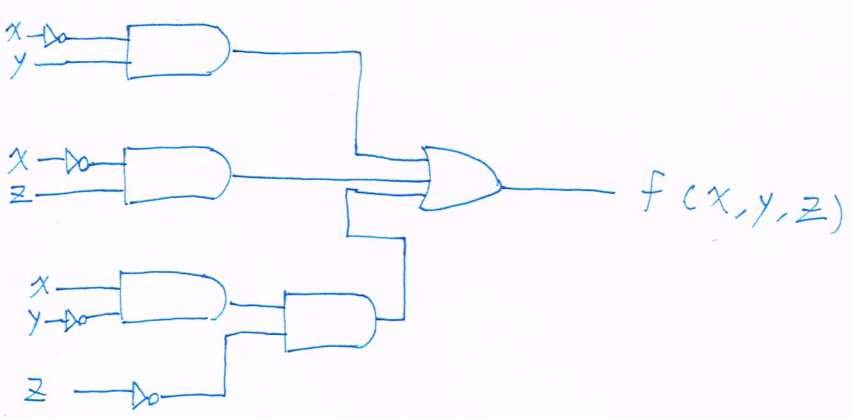


(4) $f(w, x, y, z) = xyz + (x+y)(x+y')$

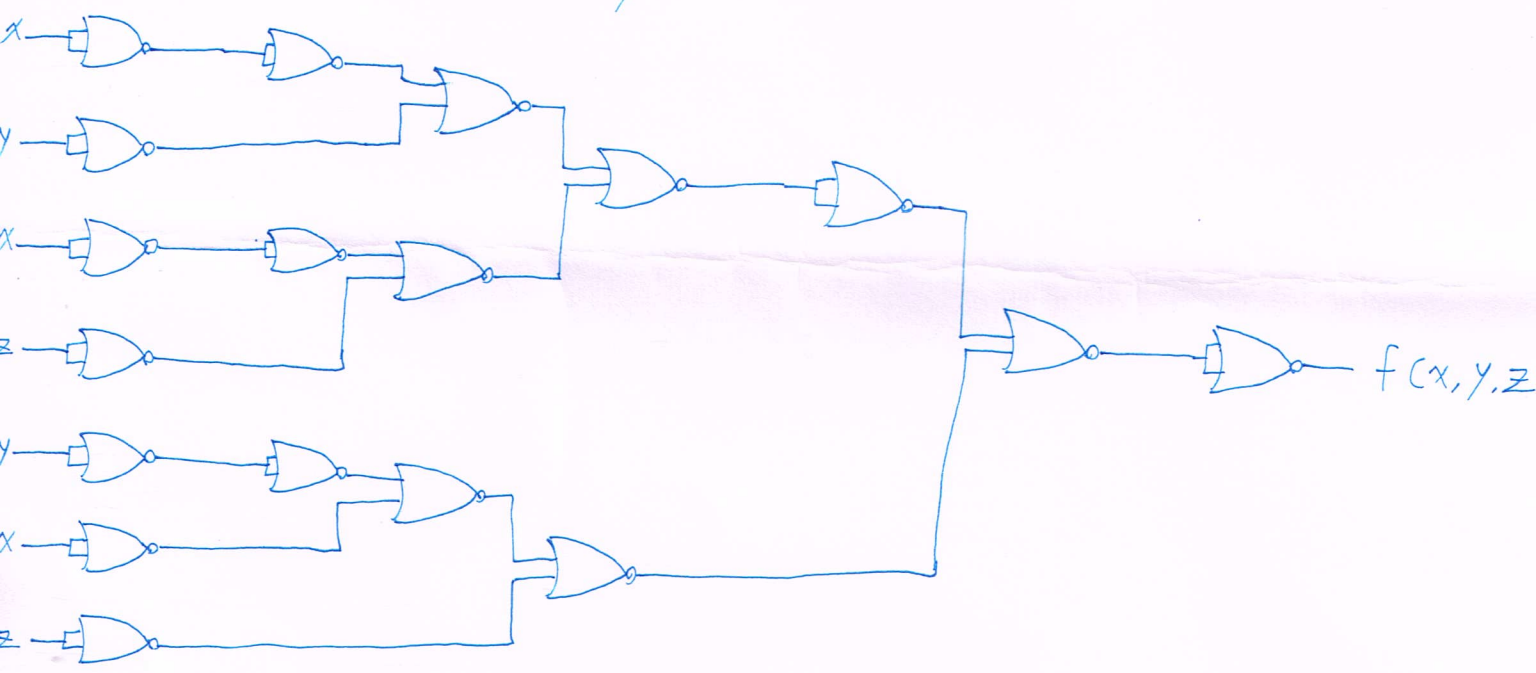


2. 2.29

(1) $f(x, y, z) = x'y + x'z + xyz'$



(2) $f(x, y, z) = x'y + x'z + xy'z'$



(3) $f(x, y, z) = x'y + x'z + xy'z'$

