

$$F = \frac{(Y+Z) \cdot (X+Y'+Z')}{(Y+Z) \cdot (X+Y'+Z')}$$

Double complement +

$$F = \frac{\overline{(Y+Z)} + \overline{(X+Y'+Z')}}{\overline{(Y+Z)} + \overline{(X+Y'+Z')}} \quad \text{NOR} \quad \text{NOR}$$

De Morgan's law

NOR

