

TEOREMI DELL' ALGEBRA DI BOOLE

Fig. 34 Proprietà commutativa

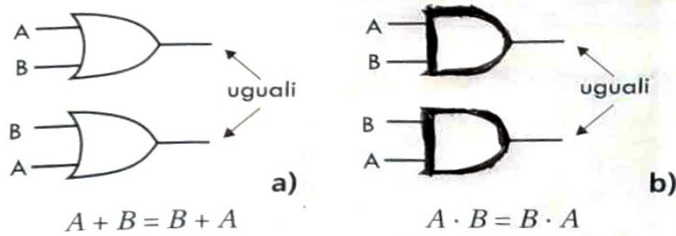


Fig. 35 Proprietà associativa

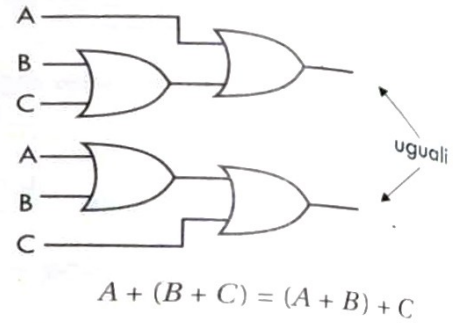


Fig. 36 Proprietà distributiva

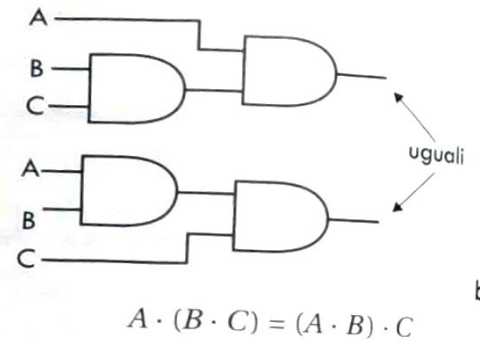
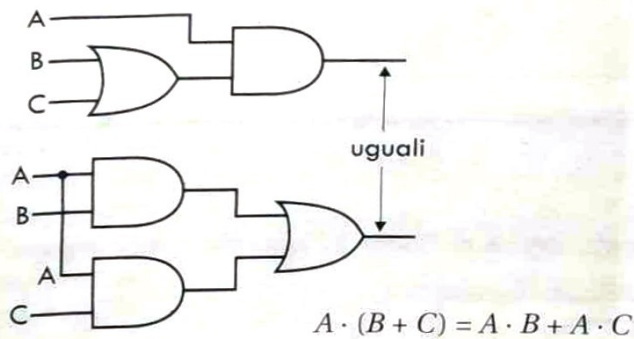


Fig. 37 Teorema della doppia negazione

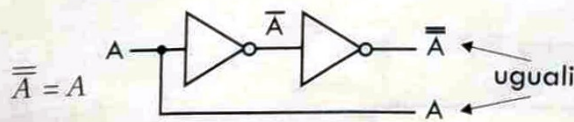


Fig. 38 Teorema dell'annullamento

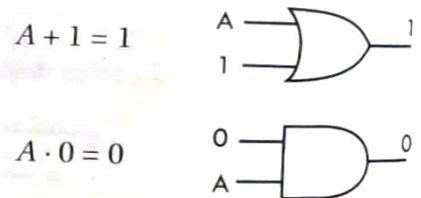


Fig. 39 Teorema di identità

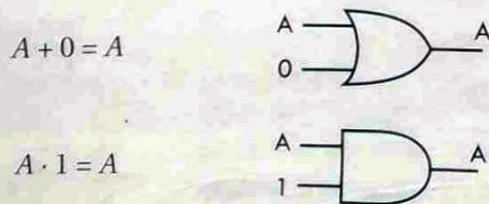


Fig. 40 Teorema dei complementi

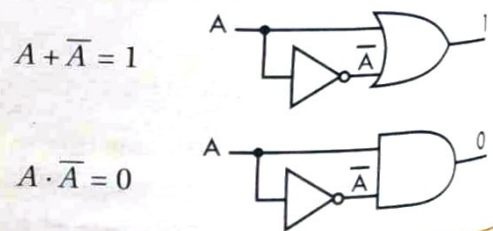


Fig. 41 Teorema di idempotenza

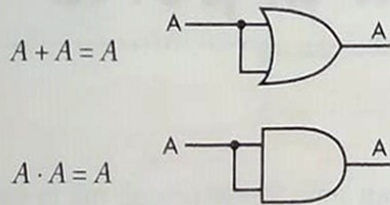


Fig. 42 1° teorema dell'assorbimento

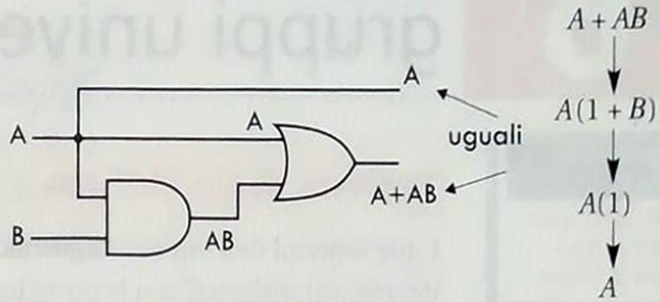
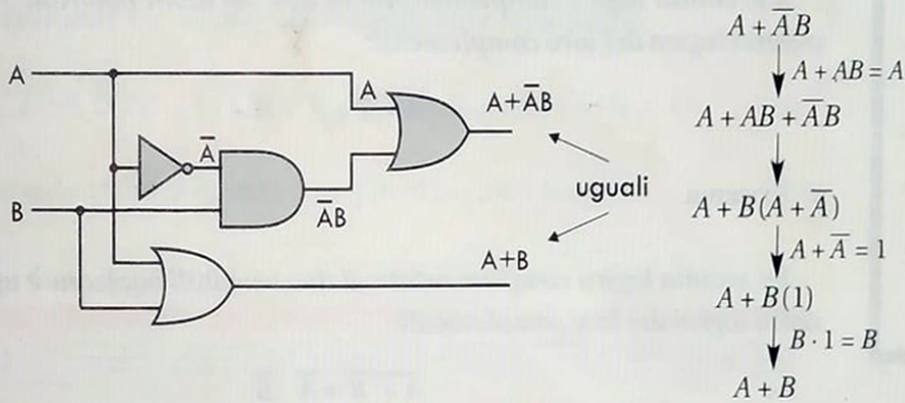


Fig. 43 2° teorema dell'assorbimento



Esercizi da svolgere

1. Scrivi l'espressione logica equivalente a $Y = A + AB$.
2. Calcola il prodotto logico $(A + B) \cdot (A + C)$.