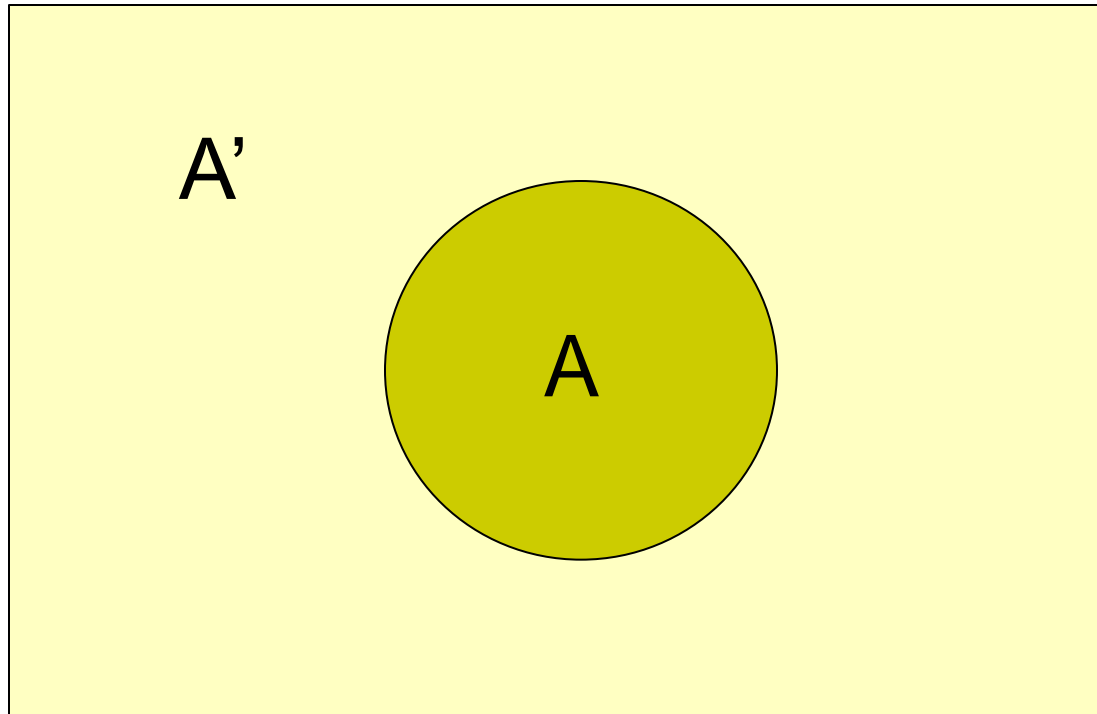
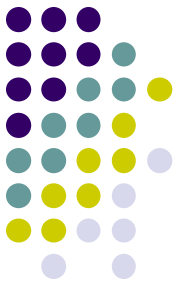


Set Theory

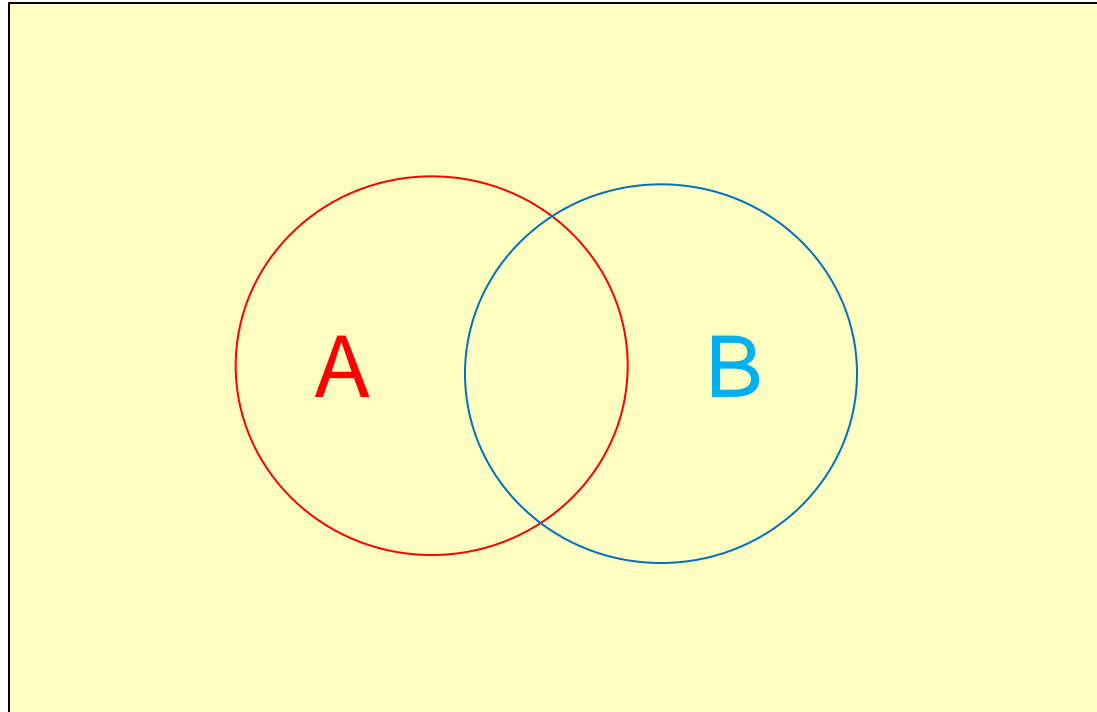
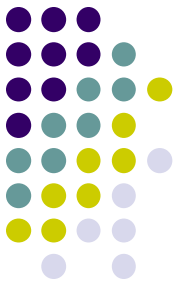
Venn Diagram



Intersection of A, A'
Union of A, A'

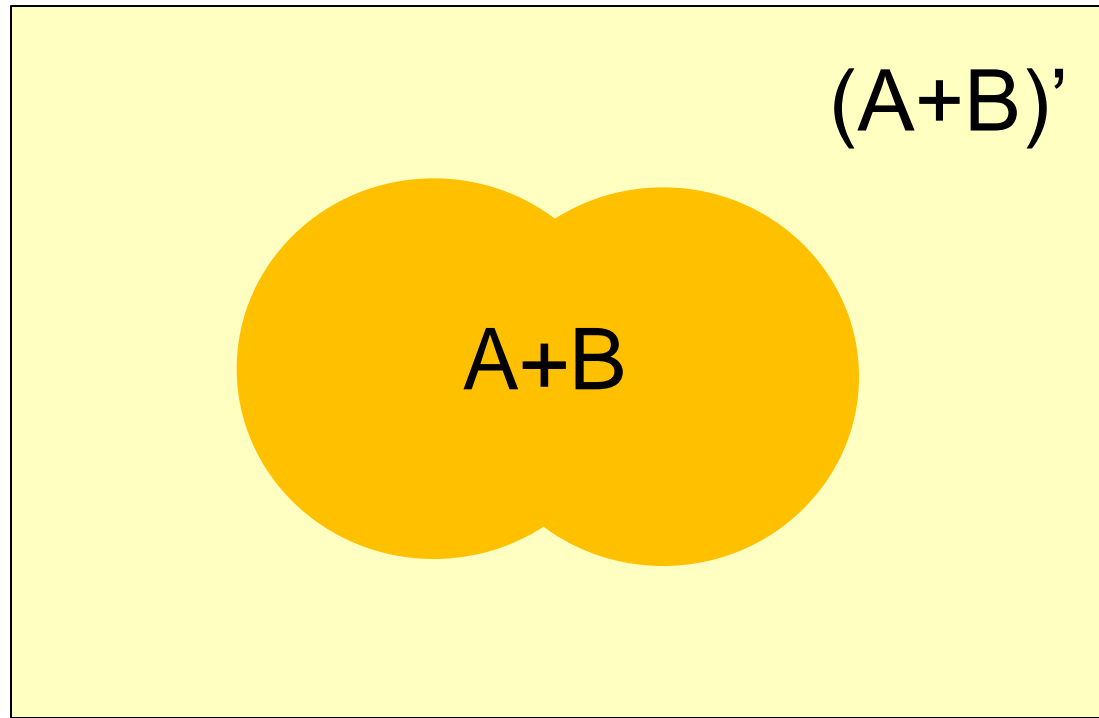
$$A \cdot A' = 0$$
$$A + A' = 1$$

Venn Diagram





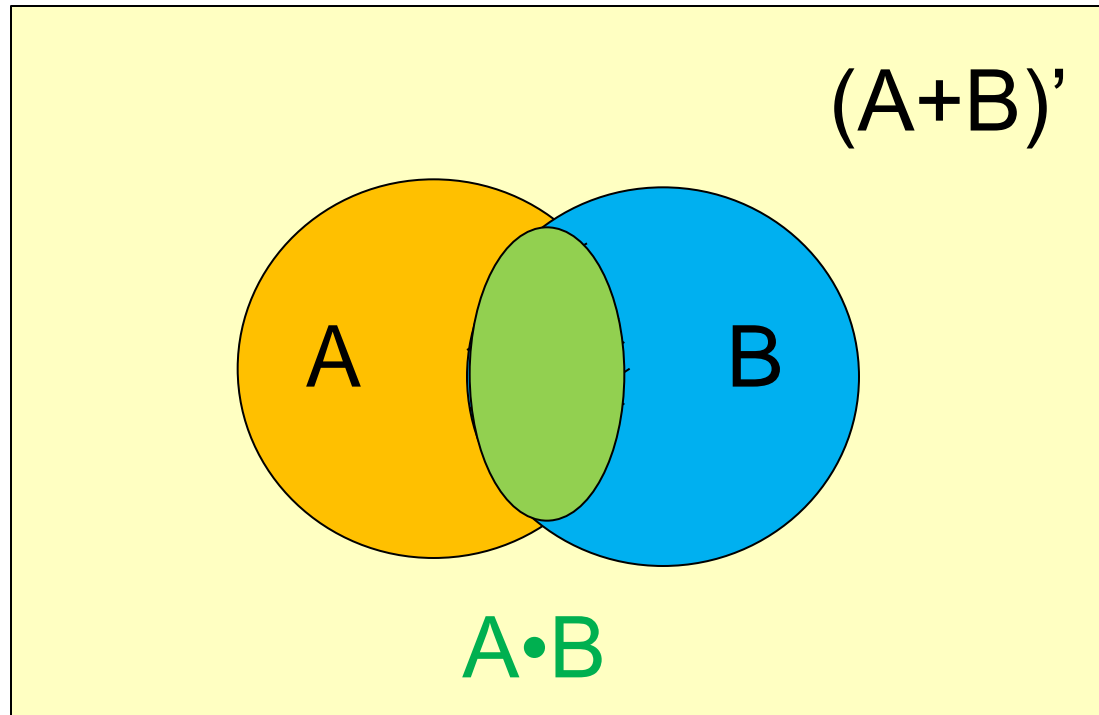
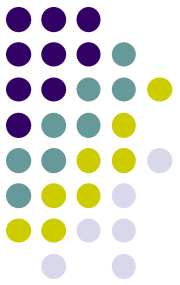
Venn Diagram



Union of A, B

$A + B$

Venn Diagram

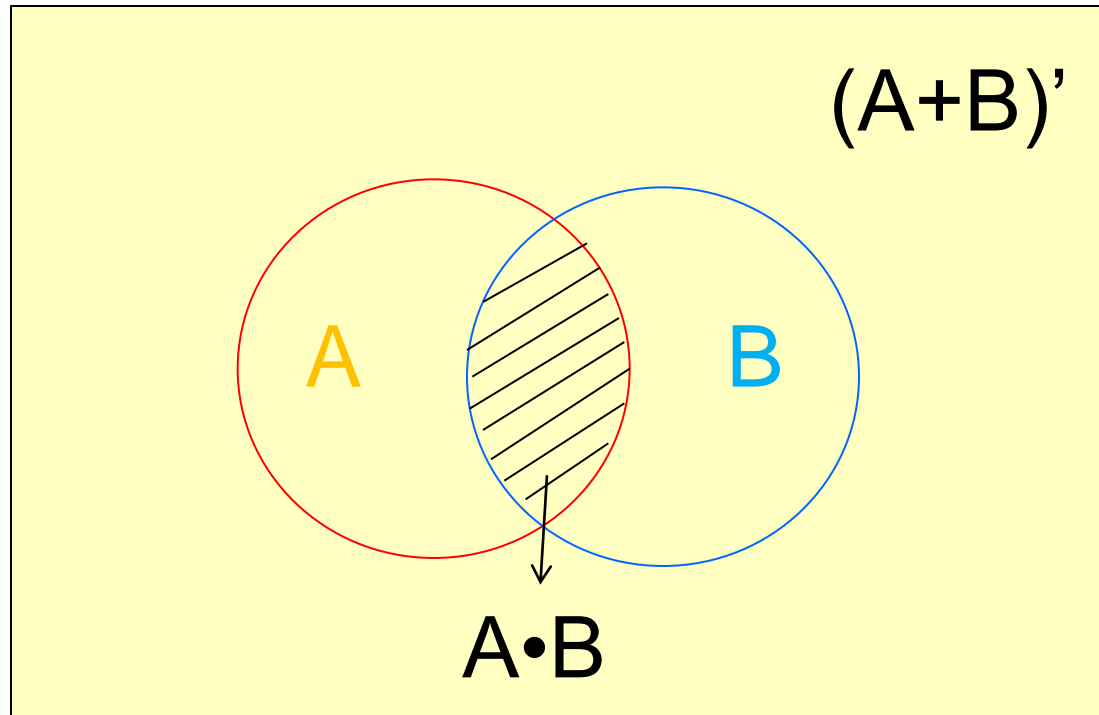


Intersection of A, B

$A \cdot B$



Venn Diagram

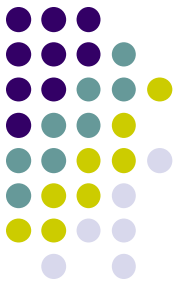


Union of A , $A \cdot B$

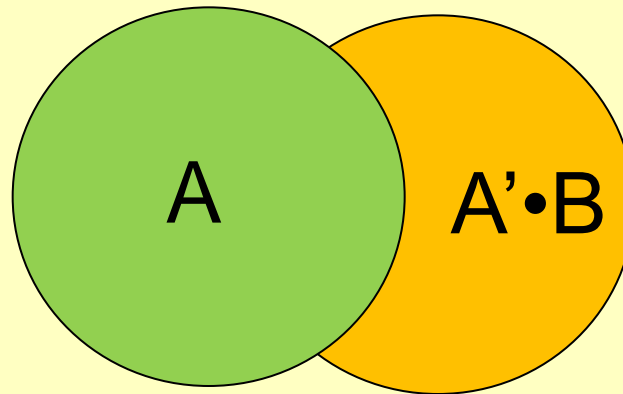
$$A + A \cdot B = A$$

Set Theory

Venn Diagram



$$(A+B)' = A' \cdot B'$$



Union of A, $A' \cdot B$

$$A + A' \cdot B = A + B$$