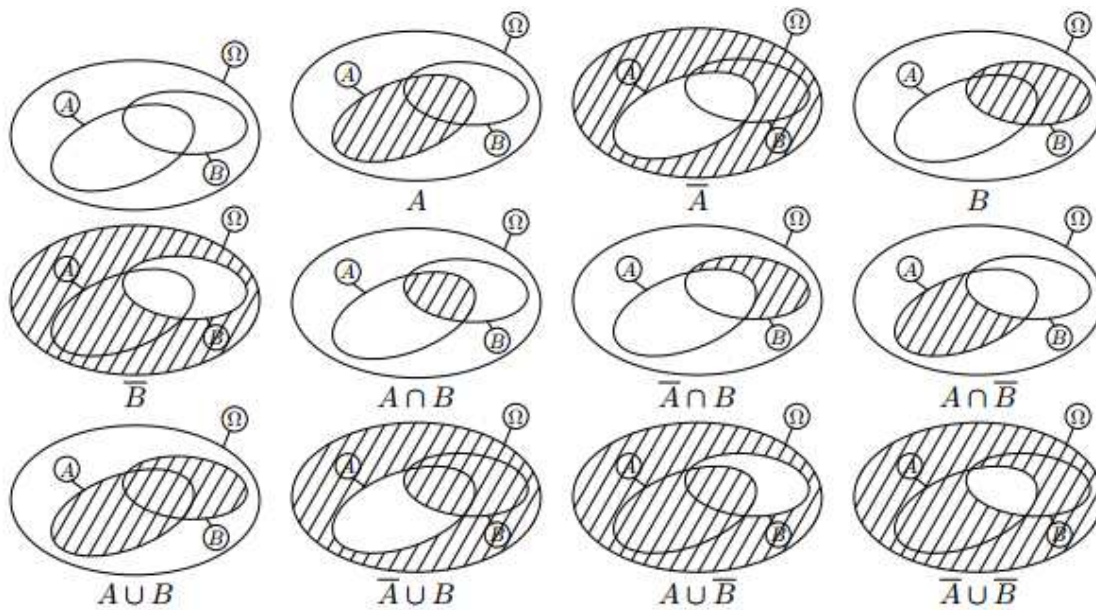
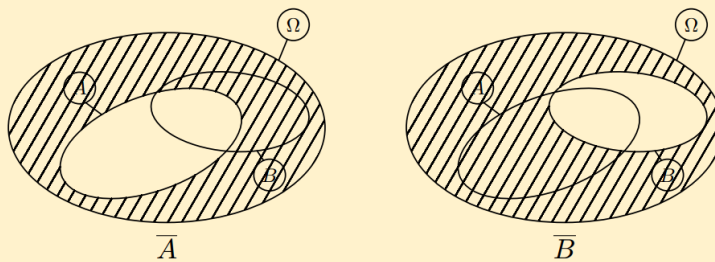


Inclusion	Intersection	Réunion
$B \subset A$	$A \cap B$	$A \cup B$
Tous les éléments de B appartiennent à A	Les éléments appartenant à A et B	Les éléments appartenant à A ou B



Représentons l'ensemble : $\bar{A} \cup \bar{B}$

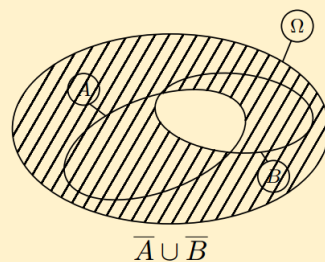
Voici les ensembles \bar{A} et \bar{B}



et on voit que

$$\bar{A} \cup \bar{B} = \overline{A \cap B}$$

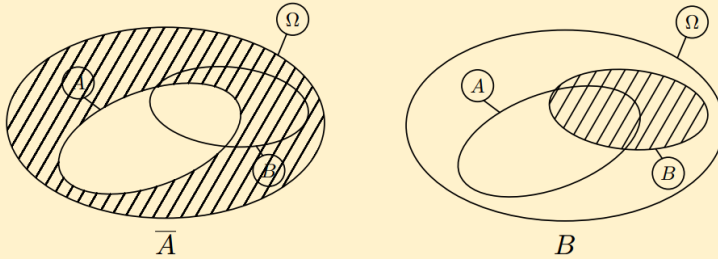
Voici l'ensemble : $\bar{A} \cup \bar{B}$



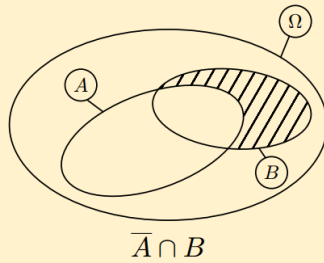
Montrer que $\overline{\overline{A}} = A$

Représentons l'ensemble : $\overline{A} \cap B$

Voici les ensembles \overline{A} et B :



Voici l'ensemble : $\overline{A} \cap B$

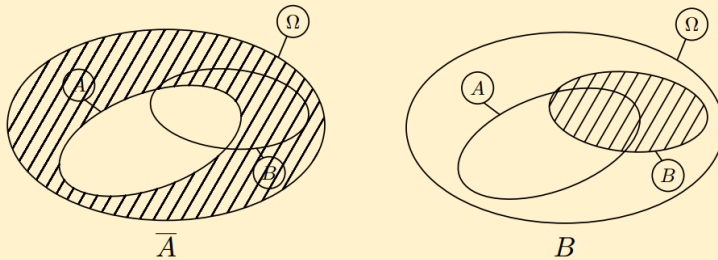


$$\overline{A} \cap B = \overline{A \cup \overline{B}}$$

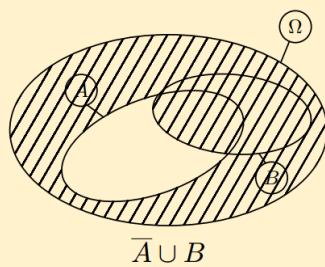
car on a

$$\overline{\overline{B}} = B$$

Voici les ensembles \overline{A} et B :



Voici l'ensemble : $\overline{A} \cup B$



$$\overline{A} \cup B = \overline{A \cap \overline{B}}$$

car on a

$$\overline{\overline{B}} = B$$