

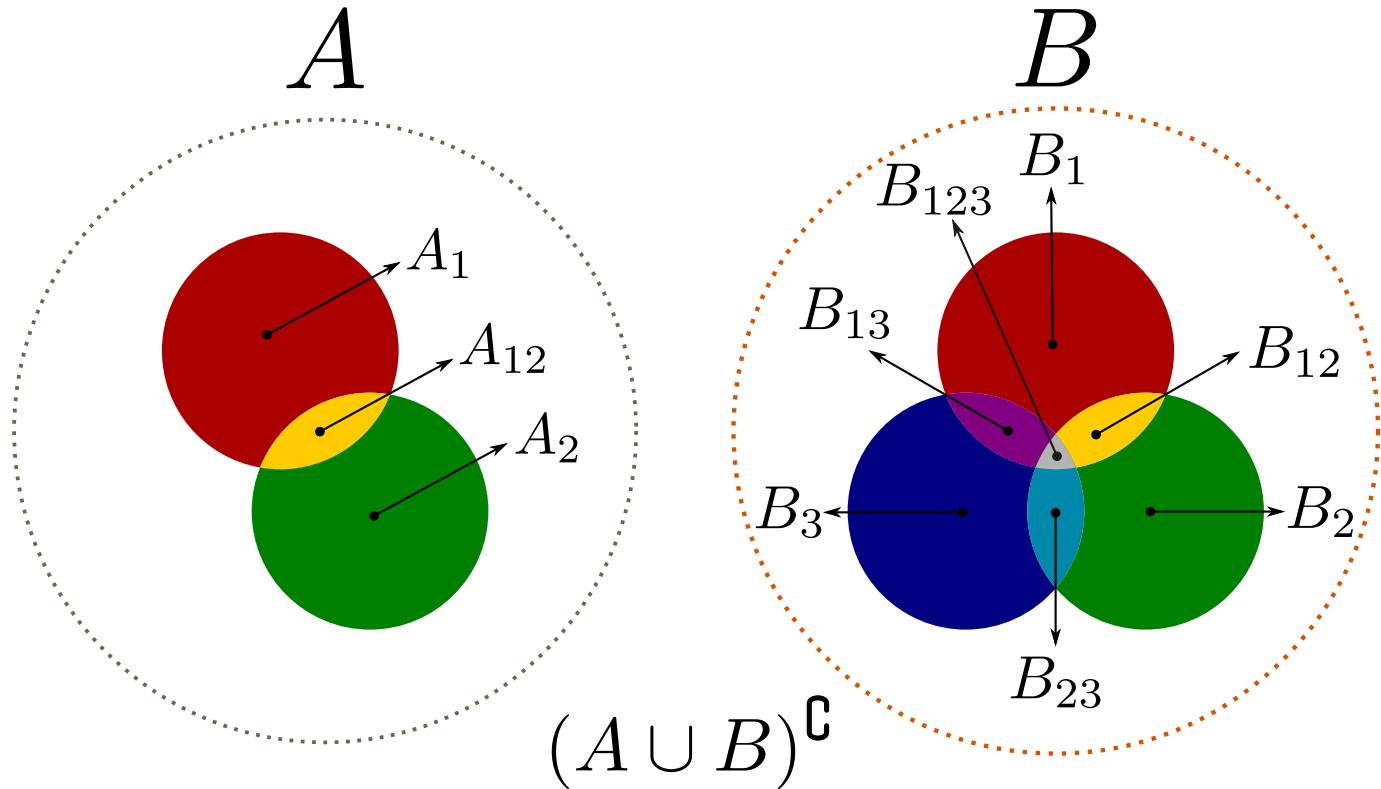
$$\Omega$$

$$|\Omega| = 5000$$

$$|A| = 2320$$

$$|B| = 1935$$

$$|(A \cup B)^c| = 745$$



$$|A_1| = 825$$

$$|A_2| = 630$$

$$|A_{12}| = 865$$

$$|B_1| = 360 \quad |B_{13}| = 410$$

$$|B_2| = 320 \quad |B_{23}| = 145$$

$$|B_3| = 185 \quad |B_{123}| = 200$$

$$|B_{12}| = 315$$