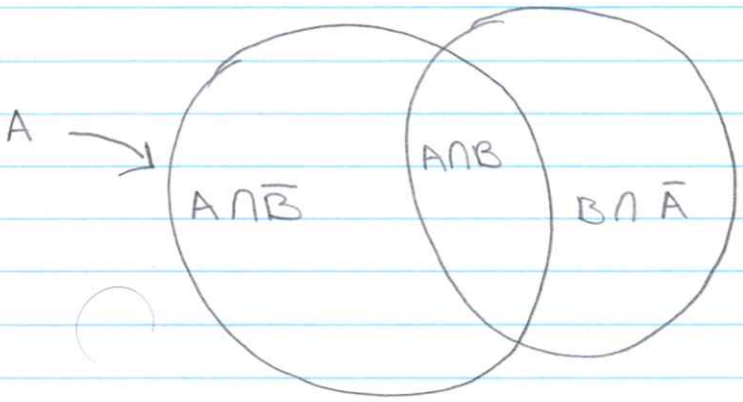
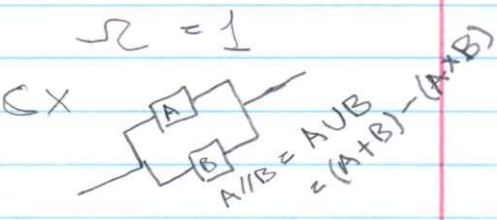
Estatística & Probabilidades 3/10/2019

$X \rightarrow$ define o espaço Amostral de x_i

$x_i \rightarrow$ define os acontecimentos de X





$A \cap \bar{B} = A - A \cap B$

$B \cap \bar{A} = B - A \cap B$

Resumo. Venn

$A = A \cap \bar{B} + A \cap B$

$B = B \cap \bar{A} + A \cap B$

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

$A \cup B = A + B - A \cap B$

lei de Morore

$\Omega - A \cup B = C$

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

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

$\overline{A} = 1 - A$

$A|B = \frac{A \cap B}{B}$

$A|A \cap B = 1 = B|A \cap B$

$A \cap B|A = \frac{A \cap B}{A}$

$A \cap B|B = \frac{A \cap B}{B}$

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