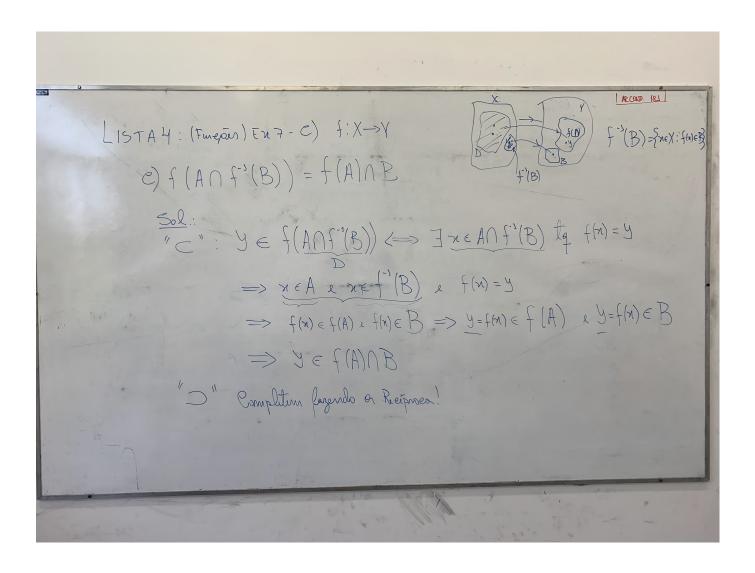
FUNDAMENTOS ELEMENTARES DA MATEMÁTICA MANUSCRITOS

(AULA DÚVIDAS: 08 e 09/11/22)



LISTA 4 - Conjunts: 6-d: $D = \{x \in R: x^{2} - 5x + 4 < 0\}$ $Set: P(x): x^{2} - 5x + 4 < 0 \Rightarrow D = \{x \in R: P(x)\}. Fogundo x^{2} - 5x + 4 = 0 \Leftrightarrow x = 1 + 2 \neq 4\}$ $Denominant In entals: (x - s) (x - 4) < 0 \Leftrightarrow (x - s) > 0 = (x - 4) < 0$ $\Rightarrow x < 1 = x > 4 \text{ (coso Importivel!)}$ x > 1 = x < 4 $\Rightarrow 1 < x < 4$ $Assim: x^{2} - 5x + 4 < 0 \Leftrightarrow 1 < x < 4$ $Conclusats: \{x \in R: x^{2} - 5x + 4\} = \{x \in R: 1 < x < 4\}$

LISTA 4-Conjunts-3-c) AU(BOC) = (AVB) O(AUC)

Sol:

NEAU(BOC) => NEA ON NE(BOC) => NEA ON [NEB & NEC]

> NEA ON NEB & NEA ON NEC => NEAUB & NEAUC

> NEAUB) O(AUC)

"""

Complete com o Musmo Procedimento!