

Lista de Exercícios Diagramas de Venn

Disciplina: Lógica de Predicados

Semestre 2014/2

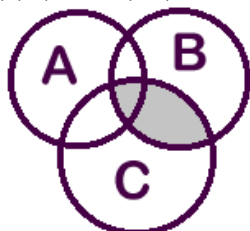
Letivo:

Professora: Daniela Scherer dos Santos

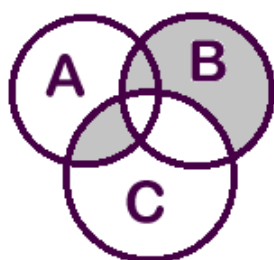
Data: 01/09/2014

1. Determinar a função das áreas hachuradas nos diagramas de VENN a seguir:

(a) $(A.B.C) + (A'.B.C)$



(b) $(A.B.C') + (A.B'.C) + (A'.B.C')$

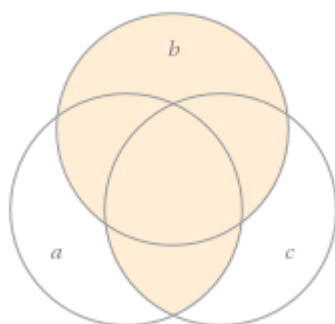


(c) $(P'.Q) + (P'.Q')$

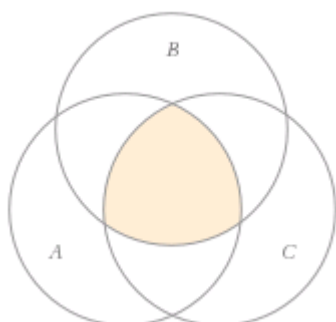


2. Desenhar os diagramas de Venn que representam as funções lógicas a seguir:

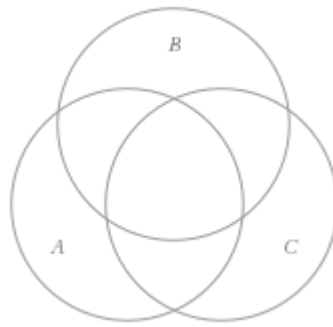
(a) $(A + B) . (C + B)$



(b) $((A . B) + C) . (A . C . B)$



$$(c) \ ((A + B) \cdot (A + C)) \cdot (A' \cdot B' \cdot C')$$



conjunto vazio

$$(d) \ ((A' + B) \cdot C) + B'$$

