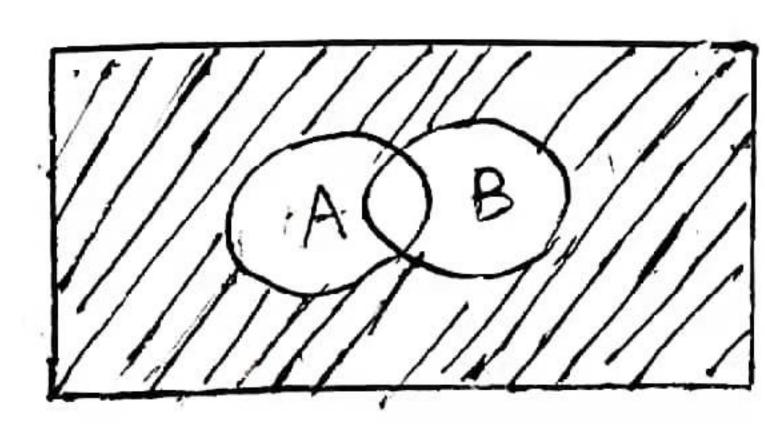
离散数学 第八周作业

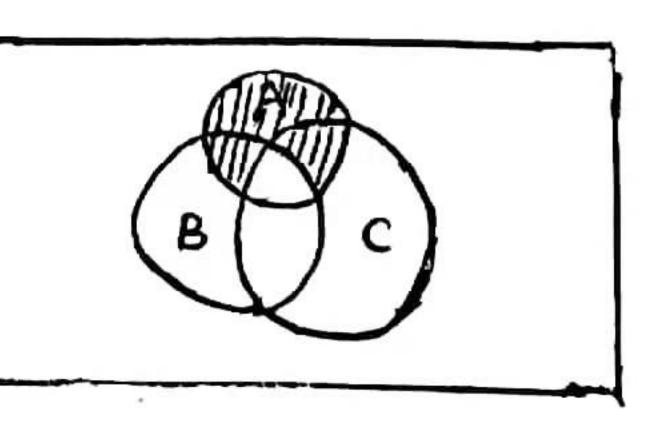
- 1. (4) A4 = { {-2.01,1-1.01, {0.01, {-2,1], {-1,1}, {0.1}, {1.17, {-2,2}, {-1,21, {0.2}, {1.2}}}
- 2. (4) /x/x是参数八x+21
- 3、 A=11 B=1111, C=[111];

 MA ∈ B. B ∈ C 但 A ∉ C
- 4、A={1} B={11} C={11}, {11}} 则 AEB, BEC 且 AEC
- 6. 小真, 心侧如下 B⊆C则(∀x)(x∈B→x∈C) 和 A∈B M A∈C
 - (2) 1後, 友例如下 A={1} B={11} C=[{1}] MAEBBBCC程A\$C
 - (3) (及(3)) 如下 A= (1) B= (1,2) C= ((1,2)) D) A⊆B且 B∈C 饱A ¢ C
 - (4)假,及例如下 A=119 B=1111,1219 C=1111] 则AEB且B⊈C,且AEC
- 7. (1) 幂转 1中, 1a), {\ai}, {\ai}, {\ai}
 - 13) 幂集 }中, 1か1, 1a7, 1961], イヤ, a7, 1中, 16)}, イa, 16)}, イカ, a, 16)}
 - $P(P(\phi)) = P(\dot{\uparrow}\phi) = \dot{\uparrow}\phi, \dot{\uparrow}\phi)$ $P(P(\phi)) \times P(P(\phi)) = \dot{\uparrow}\phi, \dot{\uparrow}\phi) \times \dot{\uparrow}\phi, \dot{\uparrow}\phi$ $= \dot{\uparrow}\langle\phi, \phi\rangle, \langle\phi, \dot{\uparrow}\phi\rangle, \langle\dot{\uparrow}\phi\rangle, \phi\rangle, \langle\dot{\uparrow}\phi\rangle, \dot{\uparrow}\phi\rangle$
- 8. $B = P(P(P(\phi))) = P(P(|\phi|)) = P(|\phi|, |\phi|) = |\phi|, |\phi|, |\phi|, |\phi|, |\phi|$
 - is $\phi \in B$, $\phi \subseteq B$
 - (2) }\$ ∈ B. 1\$ ⊆ B
 - (3) { 1 \$ \$ \$ } € B , 1 1 \$ \$ \$ \$ \$

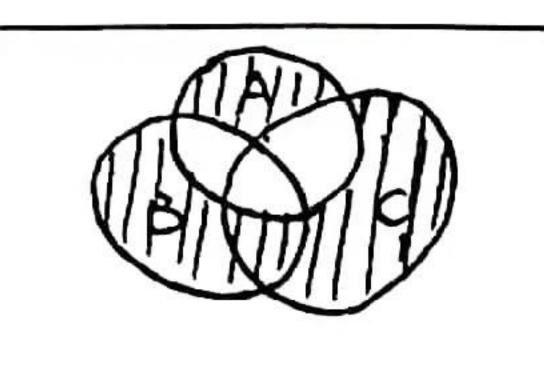




(2)



(3)



10. (BAC) - A

(2) (AMBMC) U (-AM-BM-C)

11. (1) $\phi \wedge \phi = \phi$

(3) {\$\phi\$, {\phi} - {\phi} = {\phi}

(4) } \$ \$ 1 \$ + 1 \$ - 1 \$ \$ 1 = 1 \$ }

12, (1) A N-B = {1.4} N {3.4} = {4}

(3) - (ANB) = -(11.4) N11,2,5)) =-'(1) = 12,3,4.5)

(5) $P(A) - P(B) = \{\phi, \{1\}, \{4\}, \{1,4\}\}\} - \{\phi, \{1\}, \{2\}, \{5\}, \{1,2\}, \{1,3\}, \{2,5\}, \{1,2,5\}\}\}$ $= \{\{4\}, \{1,4\}\}\}$