```
可能的
```

·17 能够成集金的为: (3) (4) (1). (2)

(2) 
$$A = \frac{1}{2}, \frac{$$

习题(2)

(1) 正确的め: (1) (2)(14)(14)

 $P(\Phi) = \{ \overline{e}, \{ \overline{e} \} \}.$   $P(P(\overline{e})) = \{ \overline{e}, \{ \overline{e} \} \}, \{ \overline{e} \}, \overline{e} \}.$   $P(P(PD)) = \{ \overline{e}, \{ \overline{e} \} \}, \{ \overline{e} \}, \{ \overline{e} \}, \overline{e} \}, \{ \overline$ 

艺的漆

```
4. 正确的为:(1),(3),(4),
  错误的为:(2)
5. 可以同时成立:
 例·全B=ja, tagg. A=jag.
   M A EB A A S B
习疑三.
11) = Ang = Anc NAng = NAnc
   (AnB) u (AnB) = (Anc) u (AnB)
                 = (Anc) u (~Anc)
    那 (AUNA) nB= (AUNA) nc
     ( ) B=C 得证.
.16)
   由足义知
   A + B = (A - B) U (B-A)
      = (Annb) U (BnnA)
      = (AUB) n(AUA) n (BUB) n (BUA)
      = (AUB) n (MUVB)
      = (AUB) n ~ (AnB)
       = (AWB)- (A NB)
```

第一章习题四.

 $A \times B = \frac{1}{2} < 0, 17, < 0, 27, < 1, 17, < 1, 27$   $B \times A = \frac{1}{2} < 1, 07, < 1.17, < 2.07, < 2.17$   $A \times \Phi = \Phi$ 

Q x A= Φ (2). · · · · A= { α. b }.

:.P(A)=11a). 1b}, 种, 1a.b}}.

(P(A) x A = 1 <103, a>, (103, b>, <163, a>, <163, b>, < \(\bar{\psi}, a>, <\bar{\psi}, b>,

3). 充分性:←

当 A=● 或 B=● サ 显然有 A×B=● ナ 成立.

为蛮性: >>

假设 A ≠ €且 B ≠ €.

则必有 à ∈A、 b∈B、 即处有 <a.b> € AXB.

与 A 263=● 矛盾

、A=0或 B=0 裁立、炒蜜性得证.