Territor Tholoren Florbour Space Hu Proplem 1.3 14) E(d) = Epidi · P(d= -1) = 8 + 84 54 = 6 P(B=-2) = 6 P(d=-1) = 8 + d1 = 54 = 6 P(B=-1)== . P(h=s) = 8 rt = = 6 P(B=1) = 1 P(f=1)=6 E(h) = Z P(h=bc) p.x = -2. \frac{1}{6} + (-8\frac{1}{6}.) + 0. \frac{1}{5} + 2. \frac{1}{6} + 2- \frac{1}{6}) = \boxed{E}[\delta] [B]= 0 foo E(d3)= 4.6+1.6+0+8.6+4.6= 6=3 E(B) = - 2 Var(d) = D(d) = E(d) - (E(d)) = = 3 -0= 5 Var (B) = 3 600 15) Cov(d, 8) = my(d, 8) = E((d-E(d))(B-E(A)) = E (&B)

$$E(d\beta) = 4 \cdot \frac{1}{3} \cdot \frac{$$

4)
$$\frac{\mathcal{E} \cdot 9}{3} - \frac{1}{3} - \frac{3}{3} - \frac{3}{3} - \frac{1}{3} - \frac{3}{3} + \frac{1}{3} - \frac{1}$$

6) Cov
$$(\xi+y)$$
, $\xi-y$)=

= $E((\xi+y))(\xi-y)$) =

= $E((\xi+y)(\xi-y))$ =

- $E((\xi+y))(\xi-y)$ =

- $E((\xi+y)(\xi-y)$ =

- $E((\xi+$