Chris Haydork Lecture 5, Ex. A.  $D = \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \right) \right) \right) \left( \frac{1}{2} \left( \frac{1}{2} \right) \right) \left($ 2/62,0) 1/26/-365  $\left[ \frac{13}{-13} \right] \left[ \frac{3}{1} \right] = \left[ \frac{3}{1} \right] \left[ \frac{3}{1$ (C) (2)  $\begin{bmatrix} 0 & -1 & 5 \\ 0 & 2 & 3 \\ 0 & 3 & 2 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix} = \begin{bmatrix} -1 \\ 0 \\ 3 \end{bmatrix}$  $(0,0),(-1,0,2)=-7b_{2}$ 

4 4 4

41 41 4

AB AB AB

AP AP

000

$$b_{5} = \{0, e_{3}^{(5)}\}$$

$$(b_{5} = \{0, e_{3}^{(5)}\})$$

$$(b_{6} = \{0, e_{3}^{(5)}\})$$

$$(b_{6} = \{0, e_{3}^{(5)}\})$$

$$(c_{6} = \{0, e_{$$

(DB 4) ((a)) + (a', a)) = (ABG)((4+4), V+V) - Data) + 2(1+1) = P(u) + P(u) + Y(v) A(n) + A(n) + A(n) + A(n) (PBA) + [NO)(PBA) Va Matches prob 2 bi) (DBG) = (P(a.), 0) E F E f (1) \ 1 - 1 ... m3 1:. (3By)(e(1)) = (p(a))0)  $=\frac{5}{5}(2)(0)$  $= \sum_{j=1}^{2} (Q_{j}; f_{j})$ 

D(b.) = 3= B., 0; (PA)(e?))= (0, 4(b.))  $= (0, \chi_{-1}, \beta_{0}, \delta_{0})$ = (E, B): F(3)