Schnartez 11-1 (a) 75 = ifofifiz 3 (25)=- 20 /1/2/3 x0/1/2/3 {\mathbb{I}^{\pi}, \langle \mathbb{I}^2 = 2g^{\pi \in \infty} = \mathbb{I}^3 \charpoonup \charpoonup \gamma^3 \charpoonup = -\charpoonup \charpoonup^3 \charpoonup = -\charpoonup^3 \charpoo = + Y° Y' Y2 Y° Y3 Y' Y2 Y3 13 / = - 1 / 3 = -Lolls, lolids 1, 13 1, 23 = 7°8182708182 $= \gamma^0 \gamma^2 \gamma^0 \gamma^2$ $= -\gamma^0 \gamma^0 \gamma^2 \gamma^2$ = (-1)(-1)(1) = 1

(b) Inform = In yapaya = Jagapa = Ju [It zgan-juja] Pd = 2 / gampa - y ymya Pa $= 2\beta - 4\beta = -2\beta$

(P) Supadan = 5 In Da Sp to In papp p 5 = [2gud - la by] to for × papp = = 2 /2 /2 /2 - 2 / 2 / 2 / m = 2 / to / - d, [2g, - y, r,] / Ja = 2/2 / 1/2 -2/2 / 2/2 / 1/2 / [2g, - 7 7] JM = 2 / 1 / - 2 / 8 / + 2 / 8 / - 2 / 1 / 8 / x pd glp 6 = 29pp -2ppg + 2pp p - 4 pp = 2 g p p - 2 p p g - 2 p g p. Non consider gg = 82 18 pdpB Katptlpta = 2gap => Yatp = 2gap - Jp Ya

=) 98 = 2p.9 - 89

Thus 2 9 pp - 2 pp 9 - 2 pg p

=2[2q.p-\$9]\$-2\$[2q.p-9\$]-2\$9\$

= 469 - 264 p - 4690 p + 269 p - 269 p

 $= \begin{bmatrix} -2 & \beta & \beta \end{bmatrix}$

