B = corlui, yi) ; yi= 1 & yik = 1 5 u+ 4k+ek cov (vi igi) = 1 E fut & ui + & ud+ Me = cov(ui, yr) = cov(ui / = ur) = = = cov(ui, ni) var (y) = + - ty + + (1-t) Fy = 1/2 Fy war $(g_c) = \begin{bmatrix} h^2 + \frac{1}{4} \\ \frac{1}{4} \end{bmatrix} = \begin{bmatrix} h^2 \\ \frac{1}{4} \end{bmatrix} = \begin{bmatrix}$ To = 1/2 Fu = 1/2 Fy =