Quiz 21 For the Leslie mutrix $A = \begin{bmatrix} F_1 & F_2 & F_3 \\ P_1 & 0 & 0 \end{bmatrix} = \begin{bmatrix} 0 & 1.5 & 75 \\ 0 & 0 & 0 \end{bmatrix}$ $A = \begin{bmatrix} P_1 & 0 & 0 \\ 0 & P_2 & 0 \end{bmatrix} = \begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$ (a) Give the Euler - Lokta equation. This is $\frac{F_1}{\lambda} + \frac{F_2P_1}{\lambda^2} + \frac{F_3P_1P_2}{\lambda^3} = 1$ which in our case becomes $0 + \frac{(1.5)(1)}{2^2} + \frac{(75/(1)(.4) - 1)}{2^3}$ $\frac{15}{2^2} + \frac{3}{2^3} = 1.$ (b) Find 2. Using the calculation, we find [2=1.47691] (c) Find the stuble age distribution. chunsell to a % which is 91.86 % 6.2290 2-49%