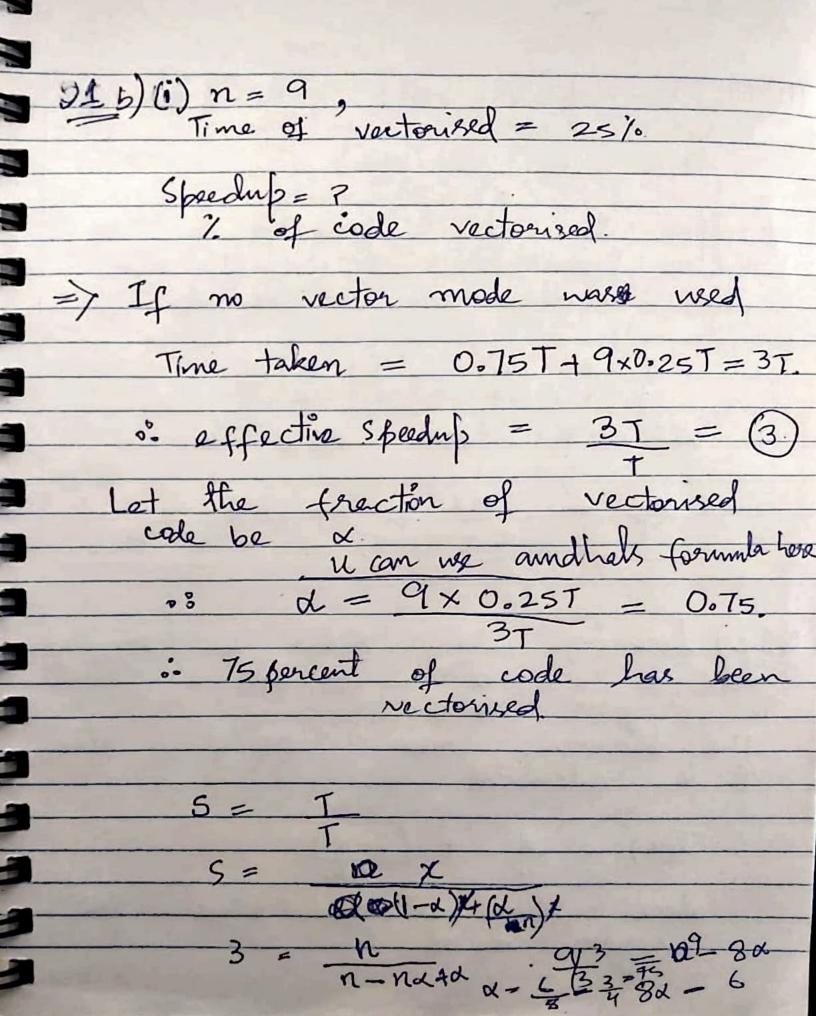
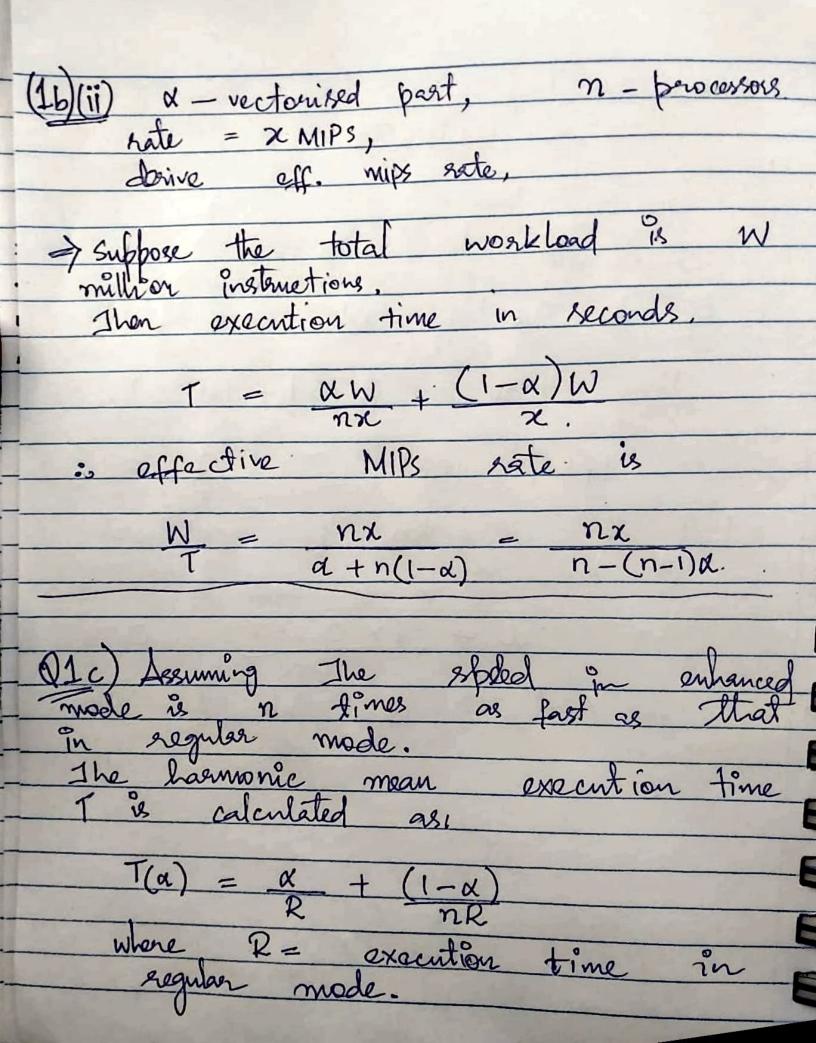


90%  $(i)_a)_s$  bream  $p_{12} = [1 - (0.25 + 0.35) + (\frac{0.25}{30} + \frac{0.35}{20})$  $= \frac{1}{0.476} = 2.1$   $= \frac{1}{-(0.35+0.10)+(0.35+0.10)}$ thus, if only a bair of enhancements can be flowerted, enhancements of offer the greatest and relecting the fastest way may not you'd the highest speedup. As Amdah's blan states an enfoncement contributes to the speedup only for the fraction of time it is used.





If it varios linearly b/w a & b, the average parecutour time is Tany =  $a\int \frac{T(\alpha)}{b-a}d\alpha$  $= \int_{R} \frac{\alpha + (1-\alpha)}{b-a} da$   $= \int_{R} \frac{nRx + 1R - Rx}{(b-a)(nR)}.$ = 5 ((n-1)Px +01) dx. Try = (n-1)(b+a)+22nR. : any execution rate  $R_{avg} = \frac{1}{T_{avg}} = \frac{2nR}{(n-1)(b+a)+2}$ any speed up factor Sany = Rany = 2n (n-1)(b+a)+2if a -> 0 k b -> 1 Swy = -211