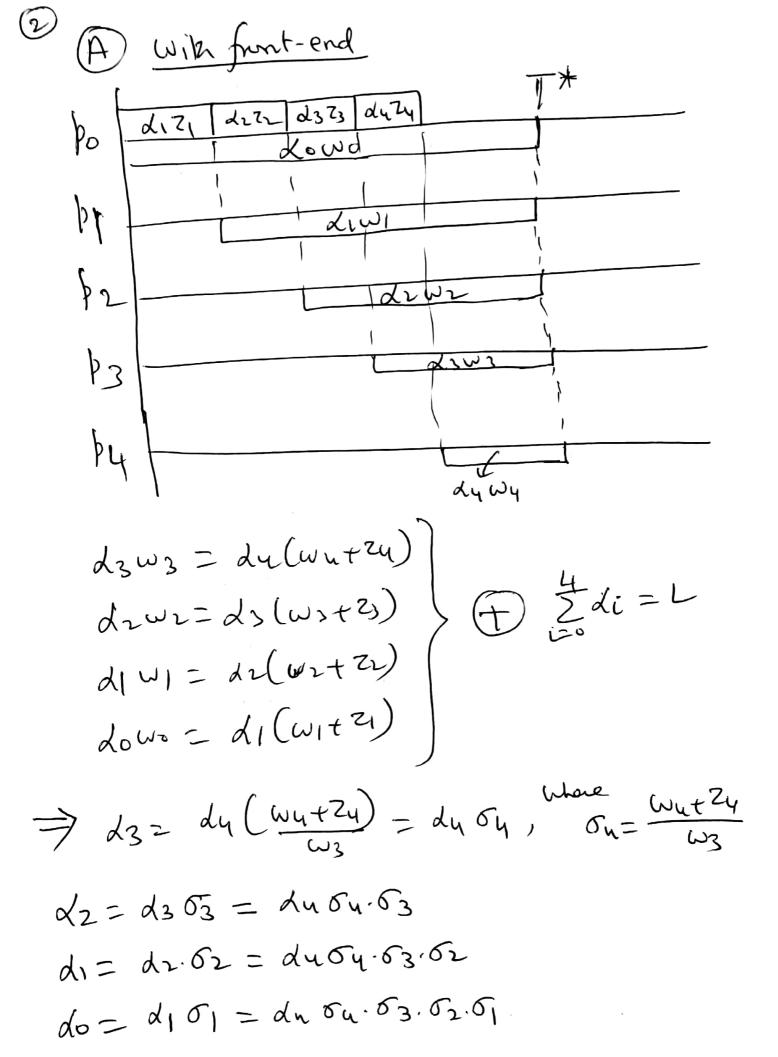
## EE5903 RTS Arbitrarily Divisible Loads Scheduling Single-Level Tree Netward py {link li proc pi link Spead: Zi proc. speal: Wi Linear Model: (1) can be arbitrarily divided di --- hi → Communication time = dizi Computation time = di Wi Root processor po with funt-end (FE)

Do is earnified with a FE, then it can compute to be communicate concurrently. Communicate actuals processed by communicate actuals processed.



Using I di = L, we obtain,  $du = \begin{cases} 1 \\ 1 \\ 1 \end{cases}$ in general,  $dm = \left(\frac{L}{1 + \sum_{i=0}^{m} f_{i}}\right)$ & Hence, T = do Wo  $T = \left(\frac{m}{TT}\sigma_{K}\right), \omega_{0}, L$   $1 + \sum_{i=0}^{m} \frac{m}{T}\sigma_{i}$ offinal procetime.

B) Solve for without (FE) cone and po participates.

