Homework

- ## From the book

  4   Revise TDM/T-WDMA development of section 5.2.1 for the case of different bitrates R_t.

  4   Apply it to the 3 x 3 system of figure 5.3.b, using TT-FR with two channels. Assume that R_{t1} is twice as fast as the other two transmitters. Find the required bitrates for the system as well as feasible CAS.

  12   For the traffic matrix γ plot the balance factor η as a function of X, assuming that $C = 3$ and each station has one tranceiver.

  $$\gamma = \begin{bmatrix} 0 & 1 & 1 & 0 \\ 0 & 1 & 1 & 0 \\ 3 & 0 & 0 & 0 \\ 0 & 0 & 0 & X \end{bmatrix}$$