

1 Congestion control

Consider the network presented in Figure 1. We have seven sources: one source with rate x_1 , two sources with rate x_2 , and four sources with rate x_3 . Each of the links has the same capacity C .

1. Compute x_i assuming that the rates are distributed according to the max-min fairness.
2. Compute x_i assuming that the rates are distributed according to the proportional fairness.

Figure 1: Example network with flows

