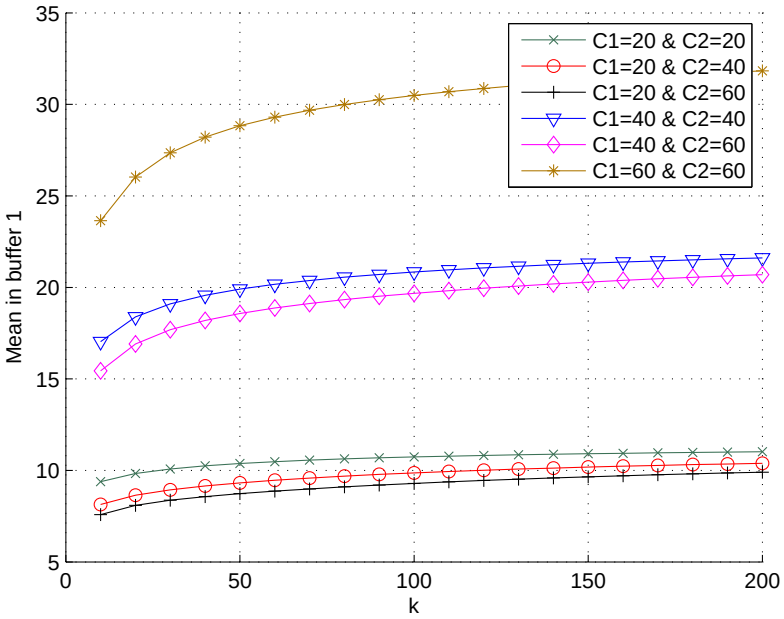

Fig. 1 Mean in buffer 1

Parameters
$\lambda_1^* = [0\ 2\ 0\ 2]$
$\lambda_2^* = [0\ 0\ 2\ 2]$
$\mu = [1\ 1\ 1\ 1]$
$\sigma_i = \frac{\beta_i}{\alpha_i+\beta_i} = 0.4$
$\kappa = \frac{1}{\alpha_i} + \frac{1}{\beta_i}$ varies from 10 till 200

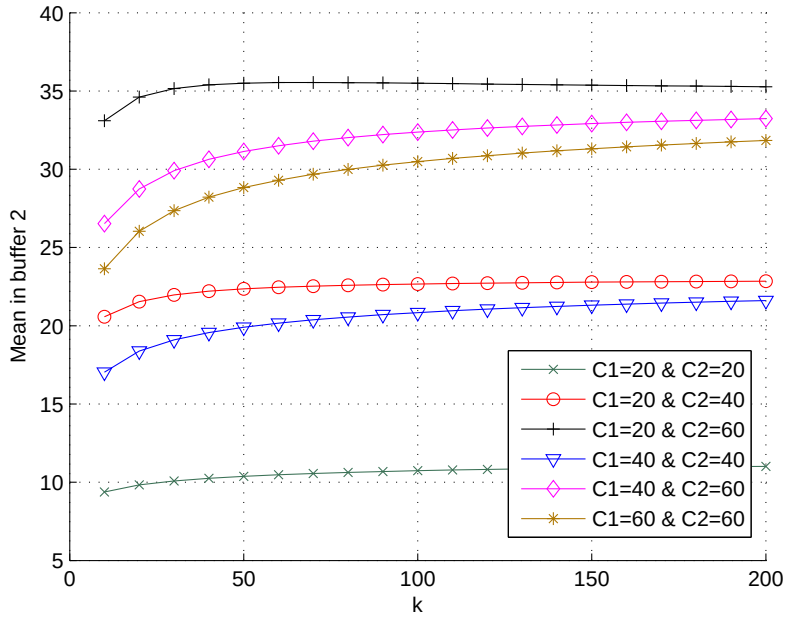

Fig. 2 Mean in buffer 2

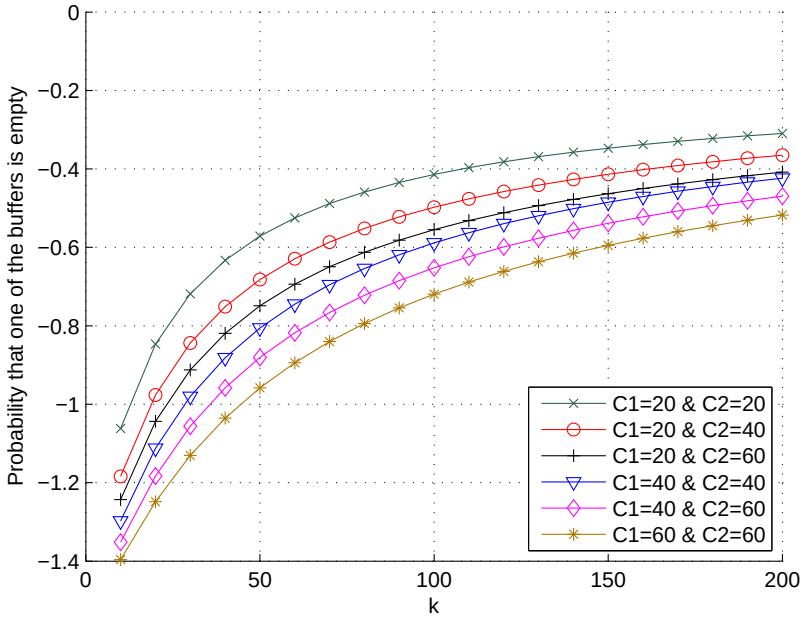

Fig. 3 Probability that one of the buffers is empty

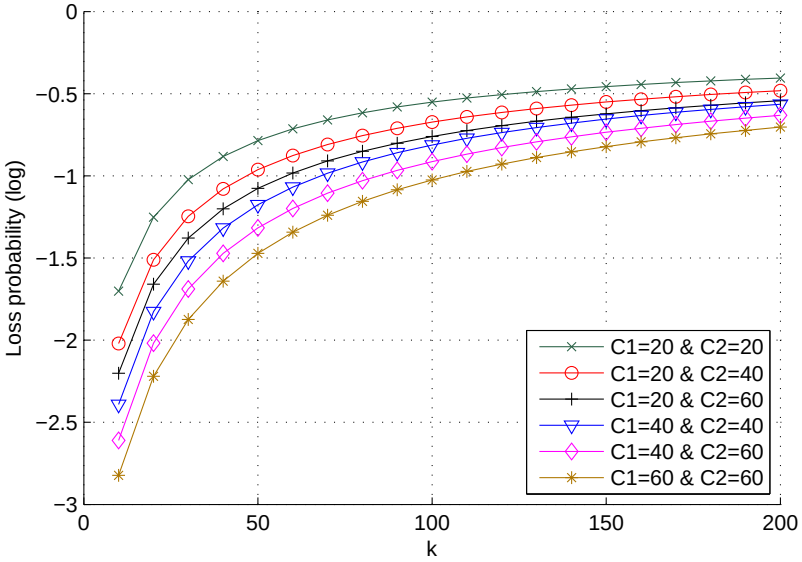

Fig. 4 Loss Probability