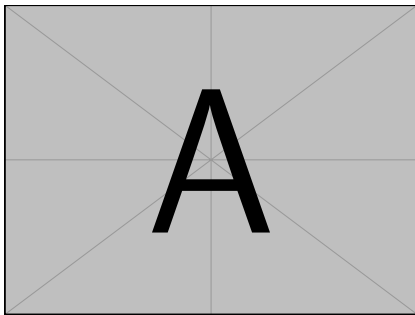


$[(a) : \sigma(f_1) = 8]$



$[(b) : \sigma(f_2) = 6]$

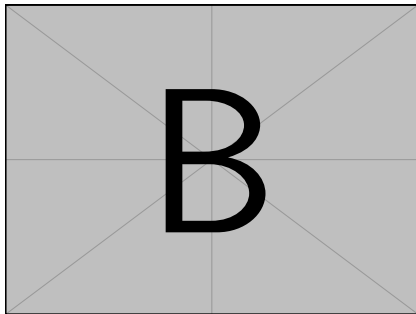


Figure 1: Two independent broadcasts  $f_1$  on  $\vec{C}(12; 1, 4)$  and  $f_2$  on  $\vec{C}(12; 1, 2)$ .