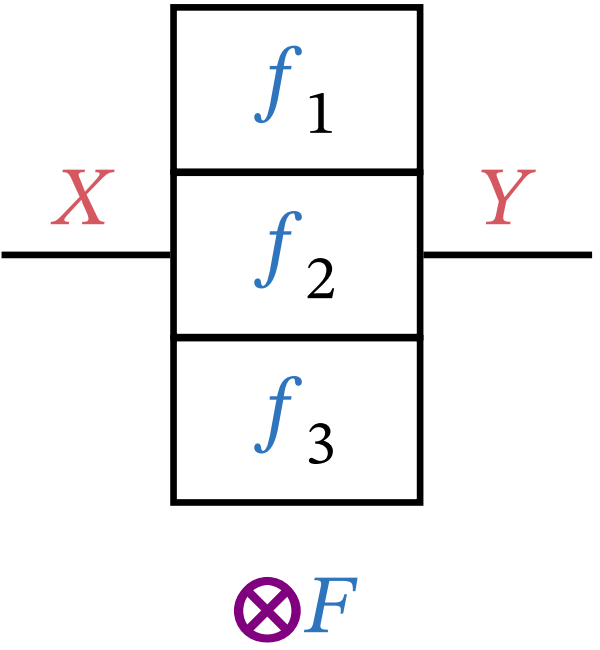
f_1
X
Y
f_2
f_3
$\otimes F$