Index Convolution (F, $I_{x,y,z,q}$)
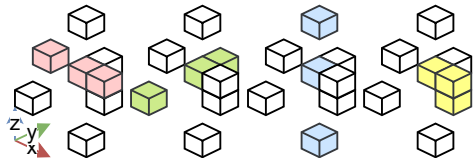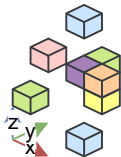
sum

Index Convolution (F, $I_{x,y,z,q}$)

F'

normalize			
sum			
scatter(F, I_1)	scatter(F, I2)	scatter(F, I3)	scatter(F, I4)
1D-conv	1D-conv	1D-conv	1D-conv
gather(F, I_1)	gather(F, I2)	gather(F, I3)	gather(F, I4)

F

$I_{1..4}$