

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

$F'$

normalize

sum

scatter( $F, I_1$ )

scatter( $F, I_2$ )

scatter( $F, I_3$ )

scatter( $F, I_4$ )

1D-conv

1D-conv

1D-conv

1D-conv

gather( $F, I_1$ )

gather( $F, I_2$ )

gather( $F, I_3$ )

gather( $F, I_4$ )

$F$

$I_{1..4}$