Graphical calculation of the convolution operation Flip horizontally 0.50 0.50 0.25 0.25 0.25 0.25 5 6 6 7 5 0.375 0.250.250.125 1,3 10 1,1 12 0.50  $\frac{1}{1}0.25$ 0.25  $P[15] = f[5] \cdot g[10]$  $\frac{5}{10.50}$ 6 0.250.25  $P[16] = f[6] \cdot g[10] + f[5] \cdot g[11]$ 7 6 0.50  $0.25 \, \mathrm{l}$ |0.25| $P[17] = f[7] \cdot g[10] + f[6] \cdot g[11] + f[5] \cdot g[12]$  $\frac{5}{10.50}$ 6 0.25 $0.25 \quad P[18] = f[7] \cdot g[11] + f[6] \cdot g[12] + f[5] \cdot g[13]$  $\frac{5}{1}$ 0.50 0.25 0.25 $P[19] = f[7] \cdot g[12] + f[6] \cdot g[13]$  $\begin{array}{c}
 5 \\
 0.50
\end{array}$ 0.250.25  $P[20] = f[7] \cdot g[13]$ 

6

5