$$a = \begin{bmatrix} a_{00} & a_{01} & a_{02} & a_{03} & a_{04} \\ a_{10} & a_{11} & a_{12} & a_{13} & a_{14} \\ a_{20} & a_{21} & a_{22} & a_{23} & a_{24} \\ a_{30} & a_{31} & a_{32} & a_{33} & a_{34} \\ a_{40} & a_{41} & a_{42} & a_{43} & a_{44} \end{bmatrix}$$

b overlaid with weights w: $b_{00}\,b_{01}\,b_{02}(w_{22})\,(w_{21})\,(w_{20})$; $b_{10}\,b_{11}\,b_{12}(w_{12})\,(w_{11})\,(w_{10})$; $b_{20}\,b_{21}\,b_{22}(w_{02})\,(w_{01})\,(w_{00})$

$\times$

$\begin{bmatrix} b_{00} \\ b_{01} \\ b_{02} \\ b_{10} \\ b_{11} \\ b_{12} \\ b_{20} \\ b_{21} \\ b_{22} \end{bmatrix}$

$=$

$\begin{bmatrix} a_{00} \\ a_{01} \\ a_{02} \\ a_{03} \\ a_{04} \\ a_{10} \\ \vdots \\ \vdots \\ a_{34} \\ a_{40} \\ a_{41} \\ a_{42} \\ a_{43} \\ a_{44} \end{bmatrix}$