

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}

Diagram illustrating a 3x3 grid of weights and biases, likely representing a convolution kernel. The grid is overlaid on a dashed grid. The weights are labeled w_{ij} and the biases are labeled b_{ij} .

	b_{00}	b_{01}	b_{02}
w_{22}	b_{10}	b_{11}	b_{12}
w_{12}	b_{20}	b_{21}	b_{22}
w_{02}	w_{01}	w_{00}	

w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}			w_{20}	w_{21}	w_{22}							
	w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}			w_{20}	w_{21}	w_{22}						
		w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}			w_{20}	w_{21}	w_{22}					
					w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}		w_{20}	w_{21}	w_{22}			
						w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}		w_{20}	w_{21}	w_{22}		
							w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}		w_{20}	w_{21}	w_{22}	
								w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}		w_{20}	w_{21}	w_{22}
									w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}		w_{20}	w_{21}
										w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}		w_{20}
											w_{00}	w_{01}	w_{02}			w_{10}	w_{11}	w_{12}	

X

b_{00}
b_{01}
b_{02}
b_{10}
b_{11}
b_{12}
b_{20}
b_{21}
b_{22}

$$=$$

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}