

$$[\text{ReLU} ((\mathbf{X}^{(n \times 3)} \text{concat } \mathbf{b}^{(n \times 1)}) \times \mathbf{W}^{[1] (4 \times 4)} \text{concat } \mathbf{b}^{(n \times 1)}) \times \mathbf{W}^{[2] (5 \times 1)} = \mathbf{e}^{(n \times 1)}$$

