

Solution to Homework 26

Task. What will be the result of max-pooling three values $x_1 = 0$, $x_2 = 1$, and $x_3 = -1$? of sum-pooling these three values?

Solution. After max-pooling, we get

$$\max(0, 1, -1) = 1.$$

After the sum-pooling, we get

$$0 + 1 + (-1) = 0.$$