

The background is a dark blue gradient with a subtle pattern of white dots. Overlaid on this are several faint, white, concentric circular lines and arcs. Some of these arcs have small tick marks and numerical labels, such as 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, and 260, suggesting a circular scale or a compass rose. There are also some dashed lines and arrows, giving the impression of a technical or scientific diagram.

# MULTI-LAYER PERCEPTRON

ZADANIE 3

# LOGISTIC CLASSIFIER

$$W X + b = Y$$



A

$\begin{bmatrix} 2.0 \\ 1.0 \\ 0.1 \end{bmatrix}$

$\rightarrow p = 0.7$



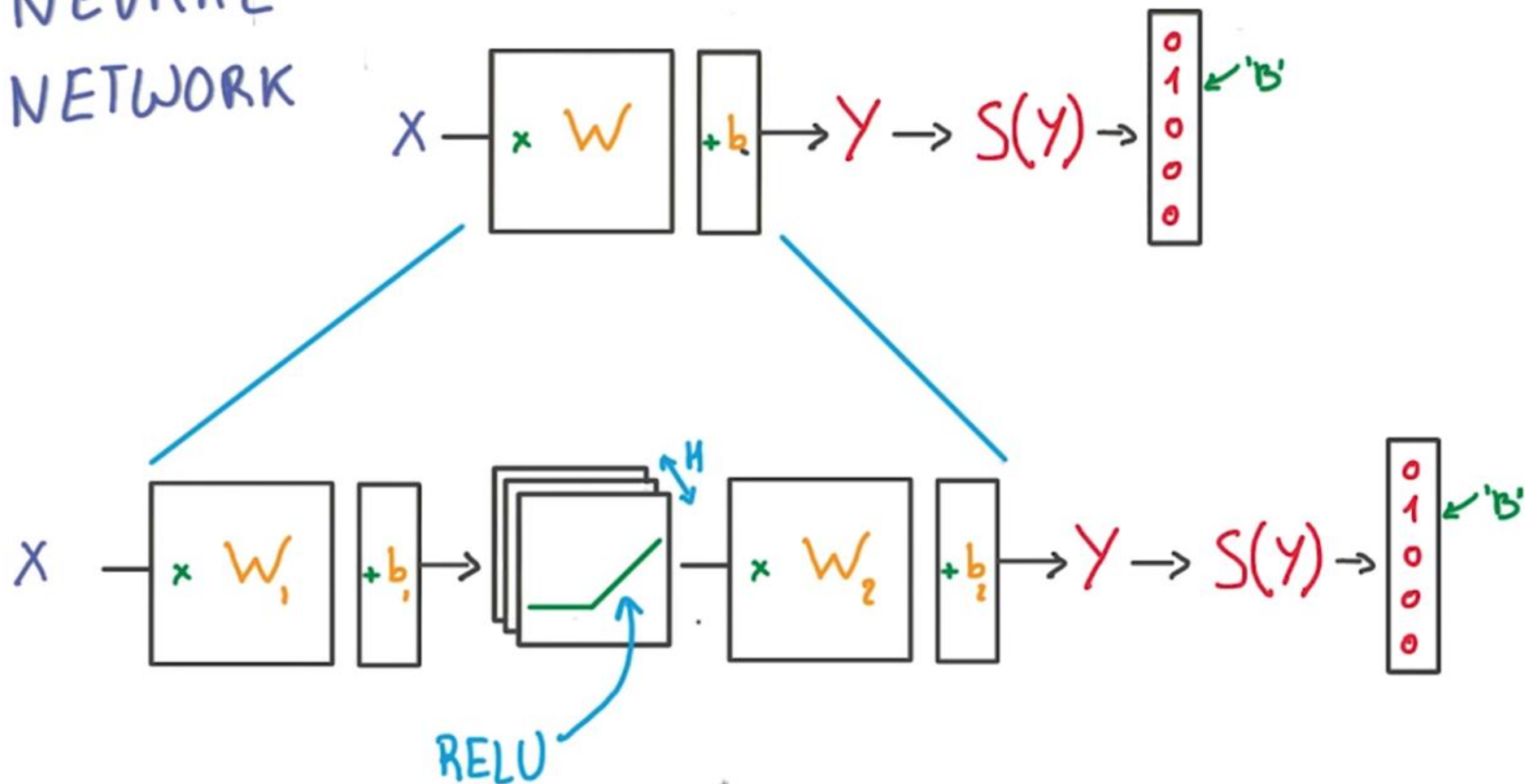
$\rightarrow p = 0.2$



$\rightarrow p = 0.1$



# NEURAL NETWORK



## Perceptrón

Úloha: určiť pravdepodobnosť priradenia vstupu  $x$  do triedy  $y$

