**Citace**

1 - RASCHKA, Sebastian a Vahid MIRJALILI. *Python machine learning: machine learning and deep learning with Python, scikit-learn, and TensorFlow*. Third edition. Birmingham: Pack publishing, [2019]. ISBN 978-1-78712-593-3.

2 - CHOLLET, François. *Deep learning v jazyku Python: knihovny Keras, Tensorflow*. Přeložil Rudolf PECINOVSKÝ. Praha: Grada Publishing, 2019. Knihovna programátora (Grada). ISBN 978-80-247-3100-1.

3 - RAMACHANDRAN, V. S. *Mozek a jeho tajemství, aneb, Pátrání neurovědců po tom, co nás činí lidmi*. Praha: Dybbuk, 2013. ISBN 978-80-7438-080-8

4 - <https://jontysinai.github.io/jekyll/update/2017/09/24/the-mcp-neuron.html>

5 - <https://towardsdatascience.com/what-the-hell-is-perceptron-626217814f53>

6 - <https://sebastianraschka.com/faq/docs/diff-perceptron-adaline-neuralnet.html>

7 - <https://towardsdatascience.com/gradient-descent-algorithm-a-deep-dive-cf04e8115f21>

**Zdroje obrazových příloh**

Obr. 2.1

<https://github.com/rasbt/python-machine-learning-book-3rd-edition/blob/master/ch02/images/02_01.png>

Obr. 2.2

<https://sebastianraschka.com/pdf/lecture-notes/stat479ss19/L03_perceptron_slides.pdf>

Obr. 2.3

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Obr. 2.4

<https://github.com/rasbt/python-machine-learning-book-3rd-edition/blob/master/ch02/images/02_04.png>

Obr. 2.5

<https://github.com/rasbt/python-machine-learning-book-3rd-edition/blob/master/ch02/images/02_03.png>

Obr. 2.6

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Obr. 3.1

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Obr. 3.2

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Obr. 3.3

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Obr. 3.4

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Obr. 3.5

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<https://medium.com/analytics-vidhya/journey-of-gradient-descent-from-local-to-global-c851eba3d367>

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- neuvedené grafy byly vygenerovány přiloženými skripty

**Použitý kód**

1. *Perceptron.py –*
2. *Iris\_binary.py –*