[1] Nasteski, Vladimir. "An overview of the supervised machine learning methods." *Horizons. b* 4 (2017): 51-62.

[2] Celebi, M. Emre, and Kemal Aydin, eds. *Unsupervised learning algorithms*. Berlin: Springer International Publishing, 2016.

[3] Sutton, Richard S., and Andrew G. Barto, "Reinforcement learning", *Journal of Cognitive Neuroscience* 11.1 (1999): 126-134.

[7] Christopher JCH Watkins and Peter Dayan. Q-learning. Machine learning, 8(3-4):279–292,

1992.

[] White III, Chelsea C., and Douglas J. White. "Markov decision processes." *European Journal of Operational Research* 39.1 (1989): 1-16.

[4] Sutton, Richard S., and Andrew G. Barto. *Reinforcement learning: An introduction*. MIT press, 2018.

[5] Le, N., Rathour, V. S., Yamazaki, K., Luu, K., & Savvides, M. (2021). Deep reinforcement learning in computer vision: a comprehensive survey. *Artificial Intelligence Review*, 1-87.

[6] Watkins, C. J. C. H. (1989). Learning from delayed rewards.

[8] Volodymyr Mnih, Koray Kavukcuoglu, David Silver, Andrei A Rusu, Joel Veness, Marc G Bellemare, Alex Graves, Martin Riedmiller, Andreas K Fidjeland, Georg Ostrovski, et al. Human-level control through deep reinforcement learning. Nature, 518(7540):529–533, 2015.

[9] Artificial Intelligence, Leonardo Araujo dos Santos.

[10] Ayle, M., Tekli, J., El-Zini, J., El-Asmar, B., & Awad, M. (2020). BAR — A Reinforcement Learning Agent for Bounding-Box Automated Refinement. *Proceedings of the AAAI Conference on Artificial Intelligence*, *34*(03), 2561-2568

[12] J. Deng, W. Dong, R. Socher, L. Li, Kai Li and Li Fei-Fei, "ImageNet: A large-scale hierarchical image database," 2009 IEEE Conference on Computer Vision and Pattern Recognition, 2009, pp. 248-255,

[11] He, K., Zhang, X., Ren, S., & Sun, J. (2016). Deep residual learning for image recognition. In *Proceedings of the IEEE conference on computer vision and pattern recognition* (pp. 770-778).

[14] Everingham, M., Van Gool, L., Williams, C.K.I. *et al.* The PASCAL Visual Object Classes (VOC) Challenge. *Int J Comput Vis* **88,**303–338 (2010).