

DAFTAR PUSTAKA

- Albadr, M. A., Tiun, S., Ayob, M., & Al-Dhief, F. (2020). Genetic algorithm based on natural selection theory for optimization problems. *Symmetry*, *12*(11), 1–31. <https://doi.org/10.3390/sym12111758>
- Aldakheel, F., Satari, R., & Wriggers, P. (2021). Feed-forward neural networks for failure mechanics problems. *Applied Sciences (Switzerland)*, *11*(14). <https://doi.org/10.3390/app11146483>
- B. HalmosiC. Sik-Lányi. (2019). *Learning to play snake using genetic neural networks*. <https://www.researchgate.net/publication/343281468>
- Białas, P. (2019). *Implementation of artificial intelligence in Snake game using genetic algorithm and neural networks*. <https://en.wikipedia.org>
- Boris, T., & Goran, S. (2017, January 13). Evolving neural network to play game 2048. *24th Telecommunications Forum, TELFOR 2016*. <https://doi.org/10.1109/TELFOR.2016.7818911>
- Brown, J. A., de Araujo, L. J. P., & Grichshenko, A. (2021). *Snakes AI Competition 2020 and 2021 Report*. <http://arxiv.org/abs/2108.05136>
- Carr, J. (2014). *An Introduction to Genetic Algorithms*.
- Chindarkar, R., Kaushik, K., Vetel, R., Thusoo, R., & Shimpi, P. (2020). *Training an AI agent to play a Snake Game via Deep Reinforcement Learning*. www.ijrst.com
- Chi Yuen, M., Wuan Yeong, L., Chen Yi Kang, E., Qaisar Syed, S., & Arabee Abdul Salam, Z. (2021). Investigating parameters of genetic algorithm and

neural network on classic snake game. In *Journal of Applied Technology and Innovation* (Vol. 5, Issue 2).

Fernanda, A., Geovanni, A. R. F., & Huda, M. (2022). Application of Artificial Intelligence to the Development of Playing Ability in the Valorant Game. *IAIC Transactions on Sustainable Digital Innovation (ITSDI)*, 4(1), 22–31. <https://doi.org/10.34306/ITSDI.V4I1.566>

Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep Learning*. <https://mitpress.mit.edu/9780262337373/deep-learning/>

Hau Hor, S., Jeh Tan, S., Kye Yan, M., Arabee bin Abdul Salam, Z., & Shin Sim, Y. (2022). Snake Game: A genetic neural network approach. In *Journal of Applied Technology and Innovation* (Vol. 6, Issue 1).

Jipong, Y., Pei-Hsiu, S., Shi-Heng, H., & Tsung-Che, C. (2016). *Snake Game AI: Movement Rating Functions and Evolutionary Algorithm-based Optimization*.

Joseph, K. J., Khan, S., Shahbaz, F., †‡ K., & Balasubramanian, V. N. (2021). *Towards Open World Object Detection*. <https://github.com/JosephKJ/OWOD>

Khunger, S., Tyagi, N., Chaudhary, V., & Pandey, A. (2021). Reinforcement Learning in Game Playing. *International Journal of Scientific Research in Engineering and Management*. www.ijrem.com

Kong, S., & Mayans, J. A. (2021). *Automated Snake Game Solvers via AI Search Algorithms*.

Kumar, R., Memoria, M., Gupta, A., & Awasthi, M. (2021). Critical Analysis of Genetic Algorithm under Crossover and Mutation Rate. *Proceedings - 2021 3rd International Conference on Advances in Computing, Communication*

Control and Networking, ICAC3N 2021, 976–980.

<https://doi.org/10.1109/ICAC3N53548.2021.9725640>

Ma, B., Tang, M., & Zhang, J. (2016). *Exploration of Reinforcement Learning to SNAKE.*

Ma, Y. (2024). Optimization of basic PID control algorithm based on genetic algorithm and Matlab. *Theoretical and Natural Science, 30*(1), 178–186.

<https://doi.org/10.54254/2753-8818/30/20241103>

Miller, M., Washburn, M., & Khosmood, F. (2019). Evolving unsupervised neural networks for Slither.io. *ACM International Conference Proceeding Series.*

<https://doi.org/10.1145/3337722.3341837>

Mishra, Y., Kumawat, V., & Selvakumar, K. (2019). Performance analysis of flappy bird playing agent using neural network and genetic algorithm. *Communications in Computer and Information Science, 1025 CCIS, 253–265.*

https://doi.org/10.1007/978-981-15-1384-8_21

Pan, Y., Ma, Q., Song, Y., Gu, B., Tang, Z., & Dong, J. (2023). *Playing the Snake Game with Reinforcement Learning.*

Rahul Ramesh Patil. (2023). AI-Infused Algorithmic Trading: Genetic Algorithms and Machine Learning in High-Frequency Trading. *International Journal For Multidisciplinary Research, 5*(5).

<https://doi.org/10.36948/IJFMR.2023.V05I05.5752>

Ricardo, P., & Fernandes, O. (2016). *FACULDADE DE ENGENHARIA DA UNIVERSIDADE DO PORTO Framework for Monte Carlo Tree Search-related strategies in Competitive Card Based Games.*

- Sagar, P., Deodhar, N., Mishra, S., Sharma, S., Katageri, A., & Professor, A. (2020). Solving the Classic Snake Game Using AI for Training Electronic Sport Players. *International Journal of Advanced Research in Computer and Communication Engineering*, 9. <https://doi.org/10.17148/IJARCCE.2020.9615>
- Sebastianelli, A., Tipaldi, M., Ullo, S. L., & Glielmo, L. (2021a). A deep Q-learning based approach applied to the snake game. *2021 29th Mediterranean Conference on Control and Automation, MED 2021*, 348–353. <https://doi.org/10.1109/MED51440.2021.9480232>
- Sebastianelli, A., Tipaldi, M., Ullo, S. L., & Glielmo, L. (2021b). A deep Q-learning based approach applied to the snake game. *2021 29th Mediterranean Conference on Control and Automation, MED 2021*, 348–353. <https://doi.org/10.1109/MED51440.2021.9480232>
- Shiruru, K. (2016). *AN INTRODUCTION TO ARTIFICIAL NEURAL NETWORK*. <https://www.researchgate.net/publication/319903816>
- Tushar, Md. R. R., & Siddique, S. (2023). *A Memory Efficient Deep Reinforcement Learning Approach For Snake Game Autonomous Agents*. <https://doi.org/10.1109/AICT55583.2022.10013603>
- Uthansakul, P., Anchuen, P., Uthansakul, M., & Khan, A. A. (2020). QoE-Aware Self-Tuning of Service Priority Factor for Resource Allocation Optimization in LTE Networks. *IEEE Transactions on Vehicular Technology*, 69(1), 887–900. <https://doi.org/10.1109/TVT.2019.2952568>

- Wei, Z., Wang, D., Zhang, M., Tan, A. H., Miao, C., & Zhou, Y. (2018). Autonomous agents in snake game via deep reinforcement learning. *Proceedings - 2018 IEEE International Conference on Agents, ICA 2018*, 20–25. <https://doi.org/10.1109/AGENTS.2018.8460004>
- Yu, F., Fu, X., Li, H., & Dong, G. (2017). *Improved Roulette Wheel Selection-Based Genetic Algorithm for TSP*. 151–154. <https://doi.org/10.1109/ICNISC.2016.041>
- Zhang, R., & Cai, R. (2020). *Train a snake with reinforcement learning algorithms*. <https://drive.google.com/file/d/>
- Zhao, X., Ma, Z., Li, B., Zhang, Z., & Liu, H. (2018). ELM-based convolutional neural networks making move prediction in Go. *Soft Computing*, 22(11), 3591–3601. <https://doi.org/10.1007/S00500-018-3158-1/METRICS>