

## DAFTAR PUSTAKA

- Abuzurairq, A.M., Als Salman, O. and Erhan, H., 2020. Shopping for Game levels: A Visual Analytics Approach to Exploring Procedurally Generated Content. *ACM International Conference Proceeding Series*, pp.2–5. <https://doi.org/10.1145/3402942.3409793>.
- Alfatha, Y.H., 2021. *Apa itu Video Game?* [online] Available at: <<https://www.dictio.id/t/apa-itu-video-game/160579>> [Accessed 7 September 2022].
- Borman, R.I. and Purwanto, Y., 2019. Implementasi Multimedia Development Life Cycle pada Pengembangan Game Edukasi. *Jurnal Edukasi dan Penelitian Informatika*, 5(2), pp.119–124.
- Eden, M., 2019. *2D Vs 3D Games: Differences, Benefits And Costs*. [online] Melior Games. Available at: <<https://meliorgames.com/game-development/2d-vs-3d-games-differences-benefits-and-costs/>> [Accessed 20 March 2022].
- Gellel, A. and Sweetser, P., 2020. A Hybrid Approach to Procedural Generation of Roguelike Video Game Levels. *ACM International Conference Proceeding Series*. <https://doi.org/10.1145/3402942.3402945>.
- Johnson, L., Yannakakis, G.N. and Togelius, J., 2010. Cellular automata for real-time generation of infinite cave levels. *Workshop on Procedural Content Generation in Games, PC Games 2010, Co-located with the 5th International Conference on the Foundations of Digital Games*. <https://doi.org/10.1145/1814256.1814266>.
- Kay, R., 2018. *The future of 2D gaming*. [online] Available at: <<https://www.gamesindustry.biz/articles/2018-11-27-the-future-of-2d-gaming>> [Accessed 20 March 2022].
- Liu, J., Snodgrass, S., Khalifa, A., Risi, S., Yannakakis, G.N. and Togelius, J., 2021. Deep learning for procedural content generation. *Neural Computing and Applications*, 33(1), pp.19–37. <https://doi.org/10.1007/s00521-020-05383-8>.

- Miller, C., Dighe, M., Martens, C. and Jhala, A., 2019. Stories of the town: Balancing character autonomy and coherent narrative in procedurally generated worlds. *ACM International Conference Proceeding Series*. <https://doi.org/10.1145/3337722.3341850>.
- Moghadam, A.B. and Rafsanjani, M.K., 2017. A genetic approach in procedural content generation for platformer games level creation. *2nd Conference on Swarm Intelligence and Evolutionary Computation, CSIEC 2017 - Proceedings*, (February), pp.141–146. <https://doi.org/10.1109/CSIEC.2017.7940160>.
- Mohr, H., Eger, M. and Martens, C., 2018. Eliminating the impossible: A procedurally generated murder mystery. *CEUR Workshop Proceedings*, 2282.
- Muir, N. and James, S., 2022. Combining Evolutionary Search with Behaviour Cloning for Procedurally Generated Content. *EPiC Series in Computing*, 85, pp.77–88. <https://doi.org/10.29007/qpkt>.
- Muslim, M.A., Jonemaro, E.M.A. and Akbar, M.A., 2019. Penerapan Procedural Content Generation untuk Perancangan Level pada 2D Endless Runner Game menggunakan Genetic Algorithm. *Garuda - Garba Rujukan Digital*, [online] 3(5), pp.4406–4414. Available at: <<https://garuda.ristekbrin.go.id/documents/detail/992300>>.
- Pleininger, O. and Dahl, D., 2018. A Comparative Study of Representations for Procedurally Generated Structures in Games.
- Purmiaji, Abdurrahman Prawira; Jonemaro, Eriq Muhammad A.; Akbar, M.A., 2019. Penerapan Procedural Content Generation untuk Perancangan Karakter pada 2D Endless Runner Game menggunakan Metode Genetic Algorithm Abdurrahman. *Garuda - Garba Rujukan Digital*, [online] 3(10), pp.9876–9882. Available at: <<https://garuda.ristekbrin.go.id/documents/detail/992300>>.

- Putra, H.K., 2021. Penerapan Procedural Content Generation untuk generasi level dalam game Mythical Maze. *Jurnal Infra*. [online] Available at: <<https://publication.petra.ac.id/index.php/teknik-informatika/article/view/10944>>.
- Putri, C.S., Jonemaro, E.M.A. and Akbar, M.A., 2019. Penerapan Procedural Content Generation pada Pembangkit Level Gim Maze Heksagonal. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, [online] 3(9), pp.8563–8571. Available at: <<http://j-ptiik.ub.ac.id>>.
- Ramadan, R. and Widyani, Y., 2013. Game development life cycle guidelines. *2013 International Conference on Advanced Computer Science and Information Systems, ICACISIS 2013*, (June), pp.95–100. <https://doi.org/10.1109/ICACISIS.2013.6761558>.
- Rikandi, N.C. and Nudin, S.R., 2022. Rancang Bangun Visual Novel Peduli Lingkungan dengan Metode Procedural Content Generation. *Journal of Informatics and Computer Science (JINACS)*, 4(01), pp.131–142. <https://doi.org/10.26740/jinacs.v4n01.p131-142>.
- Risi, S. and Togelius, J., 2020. Increasing generality in machine learning through procedural content generation. *Nature Machine Intelligence*, 2(8), pp.428–436. <https://doi.org/10.1038/s42256-020-0208-z>.
- Sanjaya, S.W., Muhammad Aminul, A. and Afirianto, T., 2019. Penerapan Naïve Bayes untuk NPC Braking Decision pada Racing Game. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, [online] 3(4), pp.3252–3257. Available at: <<https://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/4903>>.
- Shaker, N., Liapis, A., Togelius, J., Lopes, R. and Bidarra, R., 2016. Constructive generation methods for dungeons and levels. (October), pp.31–55. [https://doi.org/10.1007/978-3-319-42716-4\\_3](https://doi.org/10.1007/978-3-319-42716-4_3).
- Silva, R.C.E., Fachada, N., Códices, N. and De Andrade, D., 2020. Procedural

Game Level Generation by Joining Geometry with Hand-Placed Connectors. pp.1–14.

Stalnaker, T., 2020. *Procedural Generation of Metroidvania Style Levels*. [online] Washington and Lee University. Available at: <[https://dspace.wlu.edu/bitstream/handle/11021/34738/WLURG38\\_Stalnaker\\_CSCI\\_2020.pdf](https://dspace.wlu.edu/bitstream/handle/11021/34738/WLURG38_Stalnaker_CSCI_2020.pdf)>.

Sulistiyanto, H. and Pulungan, R., 2014. sebuah review singkat terhadap emulasi CeLlular Automata pada mesin turing. *KomuniTi*, VI(2), pp.142–154.

Togelius, J., Kastbjerg, E., Schedl, D. and Yannakakis, G.N., 2011. What is procedural content generation? In: *Proceedings of the 2nd International Workshop on Procedural Content Generation in Games*. [online] New York, NY, USA: ACM. pp.1–6. <https://doi.org/10.1145/2000919.2000922>.

Tolinsson, S., Flodhag, A., Alvarez, A. and Font, J., 2020. To make sense of procedurally generated dungeons. *CHI PLAY 2020 - Extended Abstracts of the 2020 Annual Symposium on Computer-Human Interaction in Play*, pp.384–387. <https://doi.org/10.1145/3383668.3419890>.

Viana, B.M.F. and Dos Santos, S.R., 2021. Procedural Dungeon Generation: A Survey. *Journal on Interactive Systems*, 12(1), pp.83–101. <https://doi.org/10.5753/jis.2021.999>.

Weisstein, E.W., 2023. *von Neumann Neighborhood*. [online] MathWorld--A Wolfram Web Resource. Available at: <<https://mathworld.wolfram.com/vonNeumannNeighborhood.html>> [Accessed 22 November 2023].

Wijaya, D., Haryanto, H., Astuti, E.Z. and Wijanarto, W., 2021. Algoritme Genetika untuk Desain Level Dinamis pada Game Edukasi Kebakaran Hutan. *Komputika : Jurnal Sistem Komputer*, 10(1), pp.69–76. <https://doi.org/10.34010/komputika.v10i1.3586>.

WILLIAMS, J., 2020. *Video game industry bigger than sports, movies combined:*

*report*. [online] Available at: <<https://thehill.com/blogs/in-the-know/in-the-know/531479-video-game-industry-bigger-than-sports-movies-combined-report/>> [Accessed 21 April 2022].