Reference

Amato, A. (2017) ‘Procedural Content Generation in the Game Industry’, *Game Dynamics*, pp. 15–25. Available at: <https://doi.org/10.1007/978-3-319-53088-8_2>.

Cost√

Aversa, D. (2015) *Procedural Contents Generation History and techniques used in the modern video-game industry*, *davideaversa.it*. Available at: https://www.davideaversa.it/wp-content/uploads/2015/06/Procedural-Contents-Generation.pdf (Accessed: 6 April 2024).

Cost√

Tuomo Hyttinen, Erkki Mäkinen and Timo Poranen (2017) ‘Terrain synthesis using noise by examples’. Available at: <https://doi.org/10.1145/3131085.3131099>.

Noise的作用√

Lagae, A. *et al.* (2010) ‘A Survey of Procedural Noise Functions’, *Computer Graphics Forum*, 29(8), pp. 2579–2600. Available at: <https://doi.org/10.1111/j.1467-8659.2010.01827.x>.

Noise的作用√

Hendrikx, M. *et al.* (2013) ‘Procedural content generation for games’, *ACM Transactions on Multimedia Computing, Communications, and Applications*, 9(1), pp. 1–22. Available at: <https://doi.org/10.1145/2422956.2422957>.

Iosup, A. (2010) ‘POGGI: generating puzzle instances for online games on grid infrastructures’, *Concurrency and Computation: Practice and Experience*, 23(2), pp. 158–171. Available at: <https://doi.org/10.1002/cpe.1638>.

关于性能不够√

Togelius, J. *et al.* (2011) ‘What is procedural content generation?’, *Proceedings of the 2nd International Workshop on Procedural Content Generation in Games - PCGames ’11* [Preprint]. Available at: <https://doi.org/10.1145/2000919.2000922>.

关于pcg的定义√

Risi, S. *et al.* (2014) *Automatically Categorizing Procedurally Generated Content for Collecting Games*. Available at: http://eplex.cs.ucf.edu/papers/risi\_pcg14.pdf (Accessed: 5 April 2024).

降低PCG花费√

Smith, G.E. *et al.* (2012) ‘PCG-based game design’, *Foundations of Digital Games* [Preprint]. Available at: <https://doi.org/10.1145/2282338.2282375>.

PCG模拟人类编写√

Short, T.X. and Adams, T. (2017) *Procedural Generation in Game Design*. Edited by T. Short and T. Adams. Boca Raton : Taylor & Francis, CRC Press, 2017.: A K Peters/CRC Press. Available at: <https://doi.org/10.1201/9781315156378>.

分类√

Noor Shaker *et al.* (2016) *Procedural Content Generation in Games*. Cham Springer International Publishing Springer. Available at: https://www.academia.edu/1578545/Procedural\_content\_generation\_in\_games (Accessed: 5 April 2024).

Random不好√

Short, T.X. and Adams, T. (2017) *Procedural Generation in Game Design*. Edited by T. Short and T. Adams. Boca Raton : Taylor & Francis, CRC Press, 2017.: A K Peters/CRC Press. Available at: https://doi.org/10.1201/9781315156378.

Perlin, K. (1985) ‘An image synthesizer’, *Proceedings of the 12th annual conference on Computer graphics and interactive techniques - SIGGRAPH ’85*, pp. 287–296. Available at: <https://doi.org/10.1145/325334.325247>.

提出噪声定义√

Etherington, T.R. (2022) ‘Perlin noise as a hierarchical neutral landscape model’, *Web Ecology*, 22(1), pp. 1–6. Available at: <https://doi.org/10.5194/we-22-1-2022>.

Perlin noise是分层模型√

Agnesia and Istiono, W. (2023) ‘WALL PATTERN DETECTION WITH PRIM’S ALGORITHM TO CREATE PERFECT RANDOM MAZE’, *Journal of Theoretical and Applied Information Technology*, 101(9). Available at: https://www.jatit.org/volumes/Vol101No9/18Vol101No9.pdf (Accessed: 8 April 2024).

Prim也是pcg技术一种√

Kozlova, A., Brown, J.A. and Reading, E. (2015) ‘Examination of representational expression in maze generation algorithms’, *2015 IEEE Conference on Computational Intelligence and Games (CIG)* [Preprint]. Available at: <https://doi.org/10.1109/cig.2015.7317902>.

Prim运用在maze中√

Rollier, M. *et al.* (2024) ‘A Comprehensive Taxonomy of Cellular Automata’, *arXiv (Cornell University)* [Preprint]. Available at: <https://doi.org/10.48550/arxiv.2401.08408>.

细胞自动机的定义√

Izhikevich, E., Conway, J. and Seth, A. (2015) ‘Game of Life’, *Scholarpedia*, 10(6), p. 1816. Available at: <https://doi.org/10.4249/scholarpedia.1816>.

实际运用√

Gardner, M. (1970) *MATHEMATICAL GAMES The fantastic combinations of John Conway’s new solitaire game ‘life’*. Available at: https://web.stanford.edu/class/sts145/Library/life.pdf (Accessed: 9 April 2024).

细胞自动机的规则√

Foley, J.D. and Andries Van Dam (1982) *Fundamentals of interactive computer graphics*. Reading, Mass.: Addison-Wesley Pub. Co.  
洪水填充算法的定义√

Heckbert, P.S. (1990) ‘A SEED FILL ALGORITHM’, *Elsevier eBooks*, pp. 275–277. Available at: <https://doi.org/10.1016/b978-0-08-050753-8.50058-9>.

非递归的flood fill√

Mordor Intelligence (2023) *Gaming Market | Growth, Trends, COVID-19 Impact, and Forecasts (2021 - 2026)*, *www.mordorintelligence.com*. Mordor Intelligence. Available at: https://www.mordorintelligence.com/industry-reports/global-gaming-market (Accessed: 5 April 2024).

关于游戏行业发展速度√