Angel, J.(2014). Game Maps: Parkour Vision and Urban Rel

ations. In: Schiller, G., Rubidge, S.

(eds) Choreographic Dwellings. New World Choreographies

. Palgrave Macmillan, London. https://doi.org/10.1057/9781

137385673\_11

Bhojan, A. and Wong, H. (2014). ARENA -Dynamic Run-time Map  
Generation for Multiplayer Shooters. [online] Link.springer.com. Available  
at:  
https://link.springer.com/content/pdf/10.1007%2F978-3-662-45212-7\_19.  
pdf [Accessed 27 Feb. 2025]

Boris. (2020). “Wave Function Collapse Explained” Available at: <https://www.boristhebrave.com/2020/04/13/wave-function-collapse-explained/> (Accessed: 5 Mar. 2025)

Büyükşar, O., Yıldız, D. and Demirci, S. (2024) Enhancing

wave function collapse algorithm for procedural map

generation problem, Niğde Ömer Halisdemir Üniversitesi

Mühendislik Bilimleri Dergisi. Available at:

https://dergipark.org.tr/en/pub/ngumuh/issue/86158/1361413

(Accessed: 13 October 2024).

Coffee Stain Studios (2023) Valheim [Video Game]

Contributors to No Man’s Sky Wiki (no date) *Galaxy*, *No Man’s Sky Wiki*. Available at: https://nomanssky.fandom.com/wiki/Galaxy (Accessed: 30 April 2025).

David, M. (2016). Tile-based Method for Procedural Content Generation.  
[online] Available at:

41  
https://etd.ohiolink.edu/pg\_10?0::NO:10:P10\_ACCESSION\_N  
UM:osu1461077485 [Accessed 18 Jan. 2025]

David S. Ebert, F. Kenton Musgrave, Darwyn Peachey, Ken Perlin and Steven Worley:

Texturing and Modeling: A Procedural Approach (Third Edition). Morgan Kaufmann

Publishers, 2003.

D, Devy. (2019) FPS ‘Movement Rigidbody’. Available at: <https://github.com/DaniDevy/FPS_Movement_Rigidbody> (Accessed 22 Dec. 2024)

DICE (2008) Mirrors Edge [Video game]

Facey, K., and Cooper, S. (2024) ‘Toward Space-Time WaveFunctionCollapse for Level and Solution Generation’, Khoury College of Computer Science.

Fun Pimps (2013) 7 Days to Die [Video Game]

F. Kenton Musgrave, Craig E. Kolb and

Robert S. Mace: The Synthesis and Rendering of Eroded Fractal Terrains. Computer

Graphics, Volume 23, Number 3, July 1989,

pages 41-50.

Gearbox Software (2009) Borderlands [Video Game]

Hardman, C. (2024). Advanced 3D Movement. In: Game Programming with Unity and C#. Apress, Berkeley, CA. Available at: <https://doi.org/10.1007/978-1-4842-9720-9_38> (Accessed: 14 Dec. 2024)

Heaton, R. (2018) The wavefunction collapse algorithm

explained very clearly, Robert Heaton. Available at:

https://robertheaton.com/2018/12/17/wavefunction-collapse-

algorithm/ (Accessed: 13 October 2024).

Hello Games (2016) No Man’s Sky [Video Game]

Ilyan О. О. et al. (2024) Розробка системи процедурної

генерації ігрових карт на базі алгоритму колапсу

хвильової функції, Development of the system of procedural

generation of game maps based on the wave function

collapse algorithm. Available at:

https://journals.dut.edu.ua/index.php/sciencenotes/article/vie

w/2948 (Accessed: 12 October 2024).

Ludwig, J. (2020). Procedural content is hard. [online] Programmerjoe.com.  
Available at:  
http://programmerjoe.com/2007/02/11/procedural-content-is-hard/  
[Accessed 3 Feb. 2025].

Kenny. (2021) “Procedural Generation: An Overview”. Available at: <https://kentpawson123.medium.com/procedural-generation-an-overview-1b054a0f8d41> (Accessed: 2 Nov. 2024).

Maxis (2008) Spore [Video Game]

Millonig, A. and Mitgutsch, K. (2014) ‘Playful mobility

choices: Motivating informed Mobility Decision making by

applying game mechanics’, ICST Transactions on Ambient

Systems, 1(4). doi:10.4108/amsys.1.4.e3.

Mahmoud, M. (2024) “The Redemption of No Man’s Sky is INCOMPARABLE”. Available at: <https://www.kitguru.net/gaming/mustafa-mahmoud/kitguru-games-the-redemption-of-no-mans-sky-is-incomparable/> (Accessed 11 Nov. 2024)

‘PARKOUR VISION’ (2013) Headway Parkour Blog.

Headway Parkour Blog, 20 October. Available at:

https://headwayparkour.weebly.com/blog/parkour-vision

(Accessed: 13 October 2024).

Olsen, J. (2004) ‘Realtime Procedural Terrain Generation’, Department of Mathematics and Computer Science (IMADA) University of Southern Denmark.

Respawn Entertainment (2016) Titanfall 2 [Video game]

Schier, G. (2015) “Pros and Cons of Procedural Level Generation”. Available at: <https://schier.co/blog/pros-and-cons-of-procedural-level-generation> (Accessed: 17 Jan 2025).

Id Software (2020) DOOM ETERNAL [Video Game]

Vote4Wes. (2019) “7 Days To Die Review”. Available at: <https://thecouchcoopcouple.home.blog/2019/07/27/7-days-to-die-review/> (Accessed: 3 Feb. 2025).

Zhu, C., and Zhang, Y. ‘A First-Person Game Designed To Educate And Aid The Player Movement Implementation’, Beckman High School, University of California. Available at: <https://csitcp.org/paper/13/132csit03.pdf> (Accessed: 15 Dec. 2024)

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Table 2: Pie Chart of questionnaire 2 - question 2 results (page 21)

Table 3: Table of questionnaire one results (page 21)

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Table 6: Questionnaire two answers (page 24)

Figure 1: First generation attempt (page 28)

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Figure 3: Final display of generation (page 28)