Walking On Stars with Boundary Conditions

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1 Prelimiaries

2 Walk On Spheres [Mul56]

3 Boundary Value Caching for *WoS* [Mil+23]

4 Walking on Stars [Saw+23]

5 Extending *WoSt* to Robin Boundary Conditions[Mil+24]

References

[Mil+23] Bailey Miller et al. "Boundary Value Caching for Walk on Spheres". In: *ACM Transactions on Graphics* 42.4 (July 2023), pp. 1–11. ISSN: 1557-7368. DOI: 10.1145/3592400. URL: http://dx.doi.org/10.1145/3592400.

[Mil+24] Bailey Miller et al. "Walkin' Robin: Walk on Stars with Robin Boundary Conditions". In: *ACM Transactions on Graphics* 4 (July 2024), pp. 1–18. URL: https://imaging.cs.cmu.edu/walk_on_stars_robin/index.html.

[Mul56] Mervin E. Muller. "Some continuous Monte Carlo methods for the Dirichlet problem". In: *The Annals of Mathematical Statistics* 27.3 (Sept. 1956), pp. 569–589. DOI: 10.1214/aoms/1177728169.

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