

Erratum to the paper
“Mean square limit for lattice points in a sphere”
(Acta Arith. 68 (1994), 383–393)

by

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The main result (1.1) of our paper [1] was proved by Jarník [3], and our statement that the corollary $F(R) = \Omega_{\pm}(\log^{1/2} R)$ follows from (1.1) is incorrect. We thank Werner Nowak for these remarks. The results of Jarník [3] were later generalized by Chandrasekharan and Narasimhan [2].

References

- [1] P. M. Bleher and F. J. Dyson, *Mean square limit for lattice points in a sphere*, Acta Arith. 68 (1994), 383–393.
- [2] K. Chandrasekharan and R. Narasimhan, *On the mean value of the error term for a class of arithmetic functions*, Acta Math. 112 (1964), 41–67.
- [3] V. Jarník, *Über die Mittelwertsätze der Gitterpunktlehre*, Časopis Pěst. Mat. Fys. 69 (1940), 148–174.

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