# CORRIGENDUM: ON VINOGRADOV'S MEAN VALUE THEOREM

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An oversight by the typesetters has led to the omission of the summation condition on the second summation of the first displayed equation on page 392 of [1]. The proof of Lemma 4.1 is consequently very difficult to follow. The expression for $I_p(\boldsymbol{\alpha})$ should read

$$I_p(\boldsymbol{\alpha}) = \sum_{z=1}^{p^k} \left| \sum_{\substack{x \leq P \\ x \equiv z \pmod{p^k}}} e\left(\alpha_1 \Phi_1(x) + \cdots + \alpha_k \Phi_k(x)\right) \right|^2 .$$

In addition, we take this opportunity to note that on page 391, in the two displayed equations following equation (3.15), the summations involving $u_{d+1}$ should read

$$\sum_{u_{d+1}=1}^{p^{d+1}}$$

## REFERENCES

1. T. D. Wooley, *On Vinogradov's mean value theorem*, Mathematika **39** (1992), 379–399.

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