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Corrigendum to the paper "Additive problems with prime numbers of special type"

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by

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There are two minor errors in the above-mentioned paper. The corrections follow:

1) To obtain formula (3.12) we need a Proposition with slightly more general conditions for $\beta_i(k)$. More precisely, the inequality in (2.18) must be $|\beta_i(k)| \le \tau_3(k)$. To prove the Proposition in this form we choose our constant A to satisfy $A > 10^6$ and substitute $\tau_3(k)$ for $\tau(k)$ in the relevant parts of the proof. Working exactly as in the paper we find that the estimate (2.19) holds.

2) In formula (5.23) we used the inequality $\tau^9(q) \le \tau_9(q)$, which is wrong. We may use instead the correct inequality $\tau^9(q) \le \tau_{10!}(q)$. Now the same arguments as in the paper imply the estimate (5.24).

The author would like to apologize for any inconvenience.

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