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Campus, TZ-32, Guzelyurt, KKTC, Mersin 10, Turkey. *On the Products $\prod_{k=1}^n (4k^4 + 1)$ and*

$$\prod_{k=1}^n (k^4 + 4).$$

It is proven that the product $\prod_{k=1}^n (4k^4 + 1)$ is a perfect square infinitely often whereas, the product $\prod_{k=1}^n (k^4 + 4)$ is a perfect square only for $n = 2$.

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