

Corrigendum to the Egyptian fraction of the form $\frac{1}{a} + \frac{1}{b} = \frac{q-1}{pq}$

Supawadee Prugsapitak

On page 597 of [1], $b = x'q$ should replace $x' = 1$. Thus $x' = \frac{p+1}{q-1}$. Hence if $q - 1$ divides $p + 1$, then

$$\left(\frac{pq(p+1)}{q-1}, \frac{q(p+1)}{q-1}, p, q \right)$$

is an additional solution in Theorem 2.1.

References

- [1] S. Prugsapitak, The Egyptian fraction of the form $\frac{1}{a} + \frac{1}{b} = \frac{q-1}{pq}$, *Int. J. Math. Comput. Sci.*, **18**, no. 4, (2023), 595–597.