

ERRATUM FOR: FLOOR AND ROOF FUNCTION ANALOGS OF THE BELL NUMBERS

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The authors are indebted to Prof. Kenneth W. Beitler for calling our attention to an error in our paper [2]. The error does not affect any results in the paper, but is rather a mistake in transcribing a prime number congruence from the earlier paper of Gould [1]. On page 2 of our paper [2] the remark about congruence (1.9) should be replaced by the following statement:

Now $\binom{n}{k}$ is closely related to $\lfloor \frac{n}{k} \rfloor$ by the theorem [1] that $k \geq 2$ is a prime number if and only if the congruence

$$\binom{n}{k} \equiv \lfloor \frac{n}{k} \rfloor \pmod{k}$$

holds true for every natural number n .

Because of this, we thought it would be natural to let $A(n, k) = \lfloor \frac{n}{k} \rfloor$.

References

1. H. W. Gould, "Binomial Coefficients, the Bracket Function, and Compositions with Relatively Prime Summands", *Fibonacci Quarterly*, **2** (1964), 241-260
2. H. W. Gould and Jocelyn Quaintance, "Floor and Roof Analogs of the Bell Numbers", *Integers*, **7** (2007), Paper A58, 21 pp.