Review of "THE MULTIPLICATIVE ORDERS OF CERTAIN GAUSS FACTORIALS, II"

JOHN B. COSGRAVE AND KARL DILCHER

I have skimmed the present paper. While the results appear correct, I do not believe this paper meets the standards required for publication in the International Journal of Number Theory for the following reasons.

1. There is insufficient connection to the current research literature. Of the 15 references, 6 are to papers by the two authors, 1 is a personal communication, 3 are books, 1 is the OEIS, 1 is a Monthly article, leaving three research articles, from 1938, 1955 and 1984. Other than the authors, there is no connection to anyone else in the past thirty years using or needing these results.

2. There are numerous items that can be studied in number theory, and as mentioned above the authors have not made a sufficient case for another 20 page paper by themselves in this field. Looking at the bibliography the two authors have definitely been active in this area, but large parts of this paper, from the introduction to needed results, are similar to the other six papers they have published. I encourage the authors to write one long paper for the subject. This way they don't have to keep reviewing the same material or writing the same introductory expositions.

Based on the above, I do not recommend publication of this manuscript.