A SOLUTION OF COLLATZ CONJECTURE

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Abstract

In this paper, we solve the Collatz conjecture, remarking that the only cycle is that trivial, $1 \to 4 \to 1,$ that is condensed in $1 \to 1,$ writing the solving equation, indicating the working method to identify the terms of the process. Then, the Collatz process is finite because a subset of odd numbers cannot have the power of R, that is more than numerable.