Abstract

In this paper, we have defined new kinds of \((k, r)\)-Lucas number. But the difference among these sequences comes to the forefront not only through the value of the natural number \(k\) but also through the value of new parameter which we find involved in the definition of this distance. Consequently we have various properties of these numbers for study.

References

distance Fibonacci numbers, Discrete Applied Mathematics, 161(2013), 2695-2701.


**Index Terms**

Computer Science 

Applied Mathematics

---

**Keywords**

k– Lucas Number, (k, r) Lucas Number, Binet’s Formula, Generating engines.