Abstract

The Subset Sum Problem is an important problem in Complexity Theory, Bin Packing and Cryptography. The Subset Sum Problem is NP Complete. In this paper we are introducing a new technique to find the solution of Subset Sum Problem. There are many algorithms based on greedy approach and lattice based reduction and many more approaches has been suggested earlier but suggested approach is based on the simple mathematics concept and binary search.

References

- S. Martello and P. Toth, Worst case analysis of greedy algorithms for the subset sum

Index Terms

Computer Science

Algorithms

Keywords

Subset Sum  binary search