Abstract

Graph Theory has been realized as one of the most flourishing branches of modern Mathematics finding widest applications in all most all branches of Sciences, Social Sciences, Engineering, Computer Science, etc. Number Theory is one of the oldest branches of Mathematics, which inherited rich contributions from almost all greatest mathematicians, ancient and modern. Using the number theoretic function Euler totient function an Euler totient Cayley graph is defined and in this paper we study the Strong domination parameters of Euler totient Cayley graphs and Arithmetic Vn Graphs.

References

Index Terms

Computer Science

Applied Mathematics

Keywords

Euler totient Cayley graphs  Arithmetic Vn Graphs  Strong domination  Cayley Graph