

عنوان مقاله:

ON SOME TOTAL GRAPHS ON FINITE RINGS

محل انتشار:

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خلاصه مقاله:

We give a decomposition of total graphs on some finite commutative rings $R = Z_m$, where the set of zero-divisors of R is not an ideal. In particular, we study the total graph $T(Z_p^n \times Z_m)$ where p is a prime and m and n are positive integers and investigate some graph theoretical properties with some of its fundamental subgraphs.

کلمات کلیدی:

Total graph, Decomposition, Graphs on commutative rings

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