

Journal of Mathematical and Computational Science

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Reset Password Email Reset Pallswort	Arithmetic integer additive set-valued graphs: a creative review N.K. Sudev, K.P. Chithra, K.A. Germina
INFORMATION • For Authors	Abstract
JOURNAL CONTENT Search All Search	For a non-empty ground set X, finite or infinite, the set-valuation or set-labeling of a given graph G an injective function $f: V(G) \to P(X)$, where $P(X)$ is the power set of the set X. A set-indexer of a graph by $f*(uv) = f(u)*f(v)$ for every $uv \in E(G)$ is also injective, where $*$ is a binary operation on sets. Let No b of a graph G is an injective function $f: V(G) \to P(N)$ is its power set. An integer additive set-labeling (IASI defined by $f*(uv) = f(u) * f(v)$, where $f(u) * f(v)$ is the sumset of the sets $f(u)$ and $f(v)$. An IASL f of a graph G is said to be an integer additive set-indexer (IASI) of G if the induced function $f*$ is also injective. It integer additive set-valuation, called arithmetic integer additive set-valuation of graphs.
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