

Directed T -colorings

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A T -coloring is a generalization of a vertex coloring of a graph. In a T -coloring, not only can't adjacent vertices get the same color but their difference can't be an element of a special set, a T -set. We consider T -colorings of some classes of directed graphs and a specific type of T -set. These colorings arise from assigning frequencies to radio transmitters.

Keywords: directed graphs, T -colorings