

2016학년도 2학기

수학전공 Colloquium

제 목 Coloring and orientation of a graph

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초 록

A graph coloring is one of classical and important problems in graph theory, which is an assignment of colors (labels) to the vertices of a graph to distinguish adjacent vertices.

An orientation of a graph G is a digraph obtained by assigning a direction to each edge. In this talk, several relationships between graph coloring and its orientation will be presented, especially focusing the problems related to forbidden substructures of orientations.

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장 소 5E102