

# On $d$ -antimagic labelings of prisms

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## Abstract

In a  $d$ -antimagic labeling the vertices, edges and faces of a plane graph are labeled in such a way that the label of a face and the labels of vertices and edges surrounding that face add up to a weight of face and the weights of faces constitute an arithmetical progression of difference  $d$ . In this paper we deal with  $d$ -antimagic labeling of prism.