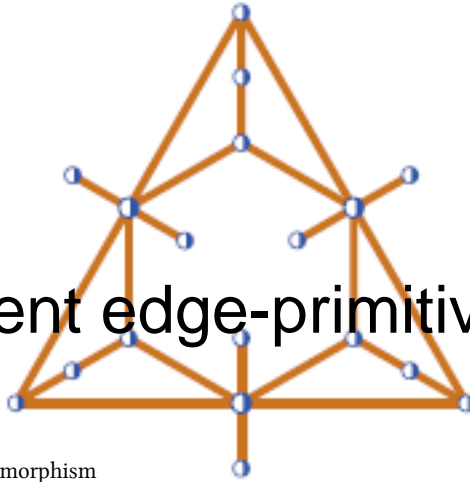


Bled'11 - 7th Slovenian International Conference on Graph Theory

Contribution ID : 162

Tetravalent edge-primitive graphs



Content :

A graph is edge-primitive if its automorphism group acts primitively on edges. In 1973 Weiss [Kantenprimitive Graphen vom Grad drei. J. Combin. Theory Ser. B 15(1973), 269-288] determined cubic edge-primitive graphs. In this paper, we present a classification of tetravalent edge-primitive graphs.

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Session classification : --not yet classified--

Track classification : Group Actions

Type : Oral presentation