

Mathematics

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Combinatorics

# The rainbow connectivity of Cayley graphs of Abelian groups

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[Xueliang Li](#)

*(Submitted on 3  
Nov 2010 (v1), last  
revised 4 Nov 2010  
(this version, v2))*

A path in  
an edge-  
colored  
graph  
 $G$ ,  
where  
adjacent  
edges  
may  
have the  
same  
color, is  
called a  
rainbow