Some recent results on edge-colored graphs
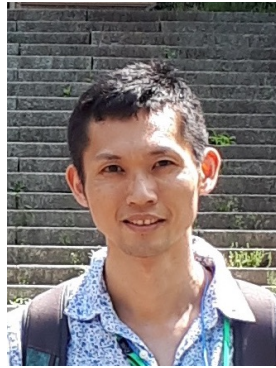
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Room 416, School of Mathematics, Sun Yat-sen University

An edge-colored graph is called properly colored if no two adjacent edges have the same color. Also, an edge-colored graph is called rainbow if no color repeats on it. Nowadays, properly colored cycles or rainbow cycles in edge-colored graphs are widely studied in graph theory. In this talk, some recent results on properly colored cycles and rainbow cycles will be reviewed. I will also present some open problems in this topic.

QR code of the
seminar series