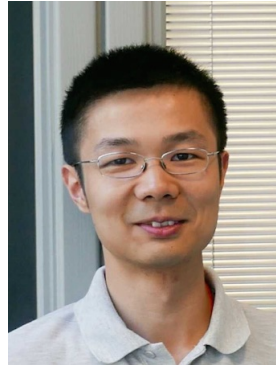


Guangzhou Discrete
Mathematics Seminar



Flag algebras and its applications (part 1)



Ping Hu

Sun Yat-sen University, Guangzhou, China

11 December 2017 (Monday), 3pm to 4pm
Room 416, School of Mathematics, Sun Yat-sen University

Razborov was awarded the 2013 David P. Robbins Prize for introducing a new powerful method, *flag algebras*, to solve problems in extremal combinatorics. This method has been applied to attack the Caccetta-Häggkvist conjecture, various Turán-type problems, extremal problems in a colored environment, and also to problems in geometry. I will give an introduction to this method and show a few applications.

Guangzhou Discrete Mathematics Seminar

Website <http://www.gzdmseminar.cn>

Mirror site <http://www.cantab.net/users/henry.liu/gzdmseminar.htm>