

Hongdi Huang

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Education

- Sep. 2015 – **Ph.D. candidate of Pure Mathematics**, *University of Waterloo*, Waterloo, ON, Canada, Supervisor: Professor J. Bell.
present
- Sep. 2013 – **Master of Mathematics**, *Brock University*, St. Catharines, ON, Canada, Supervisor: Professor Y. Li.
Aug. 2015 Thesis: Some Combinatorial Problems in Group Theory.
- Sep. 2012 – **Master of Mathematics**, *Nanning Normal University*, Nanning, Guangxi, China, Supervisor: Professor G. Tang.
Aug. 2013
- Sep. 2007 – **Bachelor of Mathematics**, *Nanning Normal University*, Nanning, Guangxi, China.
Jun. 2011

Publications

- [4] **H. Huang, Y. Li and G., Tang, On \ast -clean non-commutative group rings**, *J. Algebra Appl.* 15(2016), no. 8, 17pp.
- [3] **H. Huang, Y. Li and P., Yuan, On \ast -clean group rings II**, *Comm. Algebra* 44(2016), no. 7, 3171-3181.
- [2] **H. Huang and Y. Li, On $B(4, 14)$ non-2 groups**, *J. Algebra Appl.* 14 (8) (2015) 14pp.
- [1] **H. Huang and Y. Li, On $B(5, 18)$ -groups**, *Comm. Algebra* 44(2016), no. 2, 568-590.

Presentations

- [4] **Hopf Ore extension**, *Recent developments in noncommutative algebra and related areas*, University of Washington, March 17-19, 2018.
- [3] **On \ast -clean group rings II**, *Algebra workshop*, Nanning Normal University, May, 2015.
- [2] **On $B(5, 18)$ groups**, *International conference "Groups, rings, and group rings"*, Brock University, July, 2014. (sponsored by Fields Institute).

- [1] **On $B(5, 18)$ groups**, *Algebra workshop*, Brock University, March, 2014.

Scholarships and Awards

- 2016– **Cotton Family Women in Mathematics Graduate Scholarship.**
- 2015– **Barbara Hayes-Roth Award for Women in Mathematics and Computer Science.**
- 2009– **Chinese National Scholarships.**
- 2009– **The second prize of Chinese Undergraduate Mathematical Contest in Modeling.**

Professional Work Experience

- Sep. 2015– **Teaching Assistant**, *Department of Pure Mathematics*, University of Waterloo.
Present
MATH 115, MATH 235 Linear Algebra and more.
- Sep. 2013 – **Teaching Assistant**, *Department of Mathematics and Statistics*, Brock University.
May 2015
MATH 1P12 Linear Algebra (Fall 2013, Fall 2014), MATH 1P98 Calculus (Winter 2014, Spring 2014), MATH 4P11 (Winter 2014).