

## Sammy Yiru Luo

Ph.D. Student in Mathematics, admitted Autumn 2018

### Publications

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#### PUBLICATIONS

- **Extremal and Ramsey results on graph blowups** *JOURNAL OF COMBINATORICS*  
Fox, J., Luo, S., Wigderson, Y.  
2021; 12 (1): 1–15
- **Stability and exact Turan numbers for matroids** *JOURNAL OF COMBINATORIAL THEORY SERIES B*  
Liu, H., Luo, S., Nelson, P., Nomoto, K.  
2020; 143: 29–41
- **A counting lemma for binary matroids and applications to extremal problems** *JOURNAL OF COMBINATORIAL THEORY SERIES B*  
Luo, S.  
2019; 136: 329–59
- **Bounded gaps between primes in short intervals** *RESEARCH IN NUMBER THEORY*  
Alweiss, R., Luo, S.  
2018; 4
- **Short zero-sum sequences over abelian  $p$ -groups of large exponent** *JOURNAL OF NUMBER THEORY*  
Luo, S.  
2017; 177: 28–36
- **The Saxl conjecture for fourth powers via the semigroup property** *JOURNAL OF ALGEBRAIC COMBINATORICS*  
Luo, S., Sellke, M.  
2017; 45 (1): 33–80