

Logic Seminar

A super-Dowker filter

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Abstract: A super-Dowker filter is a filter F on a set X such that

- 1) For every sequence of F -large sets there are x, y distinct with x in A_y and y in A_x
- 2) For every partition of X into two parts there exist a sequence as in 1) and a cell of the partition such that all pairs as in 1) lie in this cell

Building on work of Balogh and Gruenhage we show the consistency of the existence of a super-Dowker filter.

Tuesday, September 8 at 4:00 PM in SEO 427