

Supersolvable arrangements: higher topological complexity of the complements, randomness.

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In the talk we continue calculation of higher topological complexity of hyperplane arrangement complements. This time we summarize and apply the technique from certain previous papers to the class of supersolvable arrangements. This allows us to prove that for the complement of every irreducible supersolvable arrangement $TC_s = sr - 1$ where r is the rank of the arrangement.

Also we discuss some initial results about random supersolvable graphic arrangements