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Adinkras for Combinatorialists

April 30, 2014, MH320

Abstract: Adinkras are graphical tools created for the study of representations in supersymmetry. Besides having inherent interest for physicists, adinkras offer many easy-to-state and accessible open problems for mathematicians from different trades (by the end of the talk, I will have pretended to have known stuff about Clifford algebras, posets, coding theory, switching graphs, and algebraic topology...), but especially combinatoralists! I will include my original results, but mostly, I just want to share my enthusiasm for these pretty objects.

Background: One semester abstract algebra. No physics necessary.

About the speaker: Yan Zhang is a Morrey Visiting Assistant Professor at UC Berkeley working in combinatorics, mostly enumerative. He received a Ph D. from MIT under Richard Stanley.

Snacks in MH331B at 2:30 pm
Talks start at 3 pm

For more information, see our full schedule at:

http://www.math.sjsu.edu/~hsu/colloq/