Thomas Zaslavsky (Binghamton)

Quasigroups via Graphs

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A quasigroup is essentially a group without associativity. An n-ary quasigroup is a generalization from 2 to n independent variables. I will explain how indecomposability of biased graphs explains decomposition of n-ary quasigroups, and vice versa. There are many open questions.

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