RICHARD NOWAKOWSKI, Dalhousie University

Absolute Game Theory: a new context for additive combinatorial games

Several different subclasses of games, for example, Normal, Misere, Dicot Misere, Guaranteed Scoring, Dicot Scoring, have similar algebraic structure. We show that there is a set of underlying properties that give rise to these structures and, moreover, any such subset will form a combinatorial game category. Joint work with Urban Larsson and Carlos Santos.