

This collection of twenty-two research papers and state-of-the-art surveys extends the subseries “Games of No Chance” pioneered in 1996. Survey topics include Richman bidding combinatorial games, classical subtraction games, and absolute additive theory.

Other topics discussed include extensions of normal play theory such as *absolute CGT* and *affine normal play*; additive theory; aspects of generic impartial games arising from the study of nim-values; dead-ending misère reduction theorems; Wythoff-type variations; complexity issues; and aspects of classical games including a rigorous justification of the celebrated result that king, bishop and knight can checkmate a lonely king on an arbitrarily large chessboard.

The recurring list of open problems, updated and annotated, will interest all practitioners of CGT and related fields including algebra, computer science, combinatorics, number theory and classical game theory.



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**Mathematical Sciences Research Institute  
Publications**

**71**

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**Games of No Chance 6**

# Mathematical Sciences Research Institute Publications

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This series is based on work undertaken at the Simons Laufer Mathematical Sciences Institute (SLMath), formerly the Mathematical Sciences Research Institute (MSRI), in Berkeley, California. It publishes surveys and workshop proceedings of long-lasting value, as well as lecture notes and monographs by visitors to the Institute. The volumes below are published by Cambridge University Press; earlier ones may be available from Springer-Verlag.

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# Games of No Chance 6

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