

# DOWNLOAD PDF THE WILLIAM LOWELL PUTNAM MATHEMATICAL COMPETITION 1985-2000

## Chapter 1 : : Putnam Competition : Mathematical Sciences : UTEP :

*Problems, Solutions, and "First published in The William Lowell Putnam The William Lowell Putnam Mathematical Competition Problems, Solutions.*

Each year on the first Saturday in December, several thousand US and Canadian students spend 6 hours in two sittings trying to solve 12 problems. Individual and team winners and their schools, in the latter case get some money and a few minutes of fame. This web site contains problem statements, solutions, and competition results for recent years. Problem statements given here are verbatim from the competition except some diagrams are missing, and are copyrighted by the MAA. They appear here with permission, but further redistribution is subject to copyright restrictions which I am not authorized to waive; contact the MAA for assistance. Solutions given here have been compiled in some combination by Manjul Bhargava, Kiran Kedlaya, and Lenhard Ng based on numerous sources see below. Copyright is held by the named authors, who request that you link to this page in lieu of reproducing these solutions elsewhere. Also, please do not refer to these as "official solutions", as this describes the solutions issued by the MAA which reflect the intent of the problem setters. Those appear in the official competition summary see below. Competition results up to were transcribed by hand by the printed summary of results which was sent by mail usually in early April to participating schools along with exam results. As of the competition, this material is being distributed electronically in mid-February; both the original summary of results, taken from the MAA historical Putnam results page, and old-style HTML transcriptions are provided. Some additional resources concerning the Putnam competition include the following. The MAA official Putnam home page includes information about the competition, including exam administration details, as well as information about three published compilations of Putnam exams a fourth is under development: The English Wikipedia entry on the Putnam competition is quite lengthy and includes a lot of detail on historical results. The Art of Problem Solving discussion forums include numerous threads concerning recent Putnam competitions. Some discussion therein is reflected in the solutions posted here. For each competition, the MAA has published an official competition summary with problems, solutions, results, and statistics in the a few months after the exam date. There is a rich literature of books about math competitions and preparation for them. This page is maintained by Kiran Kedlaya; contact me with corrections and other comments about this material only. Results from the competition, held December 2, were posted on February My understanding is that this timing, which is weeks earlier than in previous years, is likely to continue in the future.

## Chapter 2 : The William Lowell Putnam Mathematical Competition Problems, Solutions, and Commentary

*This third volume of problems from the William Lowell Putnam Competition is unlike the previous two in that it places the problems in the context of important mathematical themes.*

## Chapter 3 : The Putnam Archive

*The William Lowell Putnam Mathematical Competition is the premier mathematical competition at the undergraduate level in North America. This volume, the third to cover the competition, contains the problems from the years, as they appeared in the competition, with solutions and extensive commentary.*

## Chapter 4 : Get The William Lowell Putnam Mathematical Competition PDF - MEES, Publishing E-books

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## Chapter 5 : William Lowell Putnam Mathematical Competition - Wikipedia

*The William Lowell Putnam Mathematical Competition Problems, Solutions and Commentary, by Kedlaya, Poonen and Vakil. The (English) Wikipedia entry on the Putnam competition is quite lengthy and includes a lot of detail on historical results.*

## Chapter 6 : Related Resources | Problem Solving Seminar | Mathematics | MIT OpenCourseWare

*This third volume of problems from the William Lowell Putnam Competition is unlike the previous two in that it places the problems in the context of important mathematical themes. The authors highlight connections to other problems, to the curriculum and to more advanced topics.*

## Chapter 7 : Bjorn Poonen - Wikipedia

*The William Lowell Putnam Mathematical Competition Problems, Solutions and Commentary by Kiran S Kedlaya starting at \$ The William Lowell Putnam Mathematical Competition Problems, Solutions and Commentary has 2 available editions to buy at Alibris.*