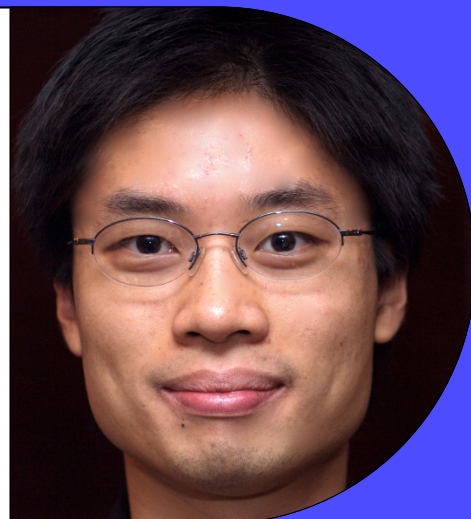


Creative math insights for the everyday

Po-Shen Loh

Po-Shen Loh is a math enthusiast and evangelist, operating across the entire mathematical spectrum from original research to mass-market education. He is a math professor at Carnegie Mellon University, where he researches topics in combinatorics, probability, and computer science. He also works with the Mathematical Association of America as the National Coach of the USA Math Olympiad team, which won consecutively in the last two years, definitively breaking a 20-year winning drought. He extends his activity to the global mainstream through his free educational technology platform expii.com, delivering creative math puzzles and personalized math practice on every smartphone or web browser.



What is the practical value of mathematics for the common person? We'll illustrate the answer through puzzles and paradoxes that arise from the failure of human intuition. See how mathematical reasoning can help us make sense out of these thought-provoking situations, and experience the surprising and fun nature of mathematics in the process. You'll see everyday things in the world in a new mathematical light. These insights were accumulated from over a year of mathematical introspection on topics of common interest, and freely published as weekly interactive challenges on expii.com/solve. Several have appeared in features of the New York Times, Wall Street Journal, and FiveThirtyEight (part of ESPN).

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