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SYNOPSIS

Pages Item

145 On the sum of n Dice. *J. B. Klerlein.*

Klerlein considers the known problem:

Suppose n distinct fair dice are rolled and S is the sum of their faces. Show that the probability that 2 divides S is $\frac{1}{2}$.

He considers a way to solve this problem that leads to a generalization.

Several interesting results are obtain, and the door is left open for further investigation. He ends in a tantalizing way by saying:

But rather than spoil the fun of the interested reader, we say no more.

149 The Skoliad Corner: No. 14. *R. E. Woodrow.*

Featuring the 1995 European “Kangaroo” Mathematical Challenge, and the solutions to the Eleventh W.J. Blundon Contest (1994).

156 Historical Titbit.

A problem from a 1950's University Scholarship Paper.

157 The Olympiad Corner: No. 174. *R. E. Woodrow.*

Featuring the 1992 Mathematical Team Contest – “Baltic Way -92”, held at Vilnius, Latvia, and the 8th Iberoamerican Mathematical Olympiad (1993), held in Mexico. Also, some readers' comments and solutions to problems given in the December 1994 number of the Olympiad Corner and from the Nordic Mathematical Contest, 1992. Finally, two comments by Murray Klamkin on solutions published earlier.

164 Book wanted!

A request to purchase an out of print book.

165 The Academy Corner: No. 3. *Bruce Sawyer*.
Featuring the March 1996 Memorial University of Newfoundland Undergraduate Mathematics Competition.

166 Historical Titbit.
Another problem from a 1950's University Scholarship Paper.

167 Book Review. *Andy Liu*.
All the Math That's Fit to Print, by Keith Devlin.
Published by the Mathematical Association of America, 1994,
ISBN 0-88385-515-1, paperbound, 330+ pages, US\$29.50.
Reviewed by A. *Sharma*, University of Alberta.

169 Problems: 2138–2150.
This month's "free sample" is:
2150. *Proposed by Šefket Arslanagić, Berlin, Germany.*
Find all real solutions of the equation

$$\sqrt{1-x} = 2x^2 - 1 + 2x\sqrt{1-x^2}.$$

172 Solutions: 2035, 2040–2047, 2049–2051, 2053–2055, 2057.