



Volume 3, Issue 1, Article 7

L'Hospital Type Rules for Monotonicity: Applications to Probability Inequalities for Sums of Bounded Random Variables

Authors: [Iosif Pinelis](#),

Keywords: L'Hospital's Rule, Monotonicity, Probability inequalities, Sums of independent random variables, Student's statistic

Date Received: 29/01/01

Date Accepted: 06/09/01

Subject Codes: 26A48,26D10,60E15,26D07,62H15,62F04,62F3

Editors: [Charles E. M. Pearce](#),

Abstract: This paper continues a series of results begun by a l'Hospital type rule for monotonicity, which is used here to obtain refinements of the Eaton-Pinelis inequalities for sums of bounded independent random variables.



[Download Screen PDF](#)



[Download Print PDF](#)



[Send this article to a friend](#)



[Print this page](#)

[search](#)

[\[advanced search\]](#)

[copyright 2003](#)

[terms and conditions](#)

[login](#)