



ome	Editors	Submissions	Reviews	Volumes	RGMIA	About Us

Volume 9, Issue 1, Article 1

	Matrix Trace Inequalities on the Tsallis Entropies				
Authors:	S. Furuichi,				
Keywords:	Matrix trace inequality, Tsallis entropy, Tsallis relative entropy and maximum entropy principle.				
Date Received:	28/06/07				
Date Accepted:	29/01/08				
Subject Codes:	47A63, 94A17, 15A39.				
Editors:	Fuzhen Zhang,				
Abstract:	Maximum entropy principles in nonextensive statistical physics are revisited as an application of the Tsallis relative entropy defined for non-negative matrices in the framework of matrix analysis. In addition, some matrix trace inequalities related to the Tsallis relative entropy are studied.				
	Image: Download Screen PDFImage: Download Print PDFImage: D				

search [advanced search] copyright 2003 terms a

terms and conditions

login