



Frontiers of Mathematics In China



Volume 12 Number 4 2017

Frontiers of Mathematics in China

Research articles

769	Jianjun CHEN, Xiaofeng WANG, Jin XIA, Guangfu CAO
	Riccati equations and Toeplitz-Berezin type symbols on Dirichlet
	space of unit ball

- 787 **Jinjing CHEN, Zhengxin CHEN**A class of simple Lie algebras attached to unit forms
- 805 Lei CHEN, Shaochen WANG
 Asymptotic behavior for log-determinants of several non-Hermitian random matrices
- 821 Hongshuai DAI, Guangjun SHEN, Lingtao KONG Limit theorems for functionals of Gaussian vectors
- 843 **Huabin GE, Shiguang MA**Discrete α-Yamabe flow in 3-dimension
- 859 **Xi GENG, Zhongmin QIAN**Finite dimensional characteristic functions of Brownian rough path
- 879 **Jiuhua GUO, Fayou ZHAO**Some *q*-inequalities for Hausdorff operators
- 891 **Jun HU, Jing ZHANG, Yabo WU** Involutions in Weyl group of type F_4
- 907 **Ruo LI, Tiao LU, Zhangpeng SUN**Parity-decomposition and moment analysis for stationary Wigner equation with inflow boundary conditions

(contents continued on inside back cover)

中国数学前沿 CN 11-5739/O1 邮发代号: 80-964 ISSN 1673-3452

- 921 **Yingbin MA, Lily CHEN, Hengzhe LI**Graphs with small total rainbow connection number
- 937 Hongjie SONG, Changqing XU Neighbor sum distinguishing total chromatic number of K_4 -minor free graph
- 949 Xiaomin TANG, Lijuan LIU, Jinli XU Lie bialgebra structures on derivation Lie algebra over quantum tori
- 967 Shaozhen XU, Dunyan YAN
 A restriction theorem for oscillatory integral operator with certain polynomial phase
- 981 **Zhishan YANG** Ideal counting function in cubic fields
- 993 Hui ZHANG, Chunyan QI, Baode LI Anisotropic weak Hardy spaces of Musielak-Orlicz type and their Applications

Volume 12 Number 4 2017

Frontiers of Mathematics in China

Research articles

769	Jianjun CHEN, Xiaofeng WANG, Jin XIA, Guangfu CAO
	Riccati equations and Toeplitz-Berezin type symbols on Dirichlet
	space of unit ball

- 787 **Jinjing CHEN, Zhengxin CHEN**A class of simple Lie algebras attached to unit forms
- 805 Lei CHEN, Shaochen WANG
 Asymptotic behavior for log-determinants of several non-Hermitian random matrices
- 821 Hongshuai DAI, Guangjun SHEN, Lingtao KONG Limit theorems for functionals of Gaussian vectors
- 843 **Huabin GE, Shiguang MA**Discrete α-Yamabe flow in 3-dimension
- 859 **Xi GENG, Zhongmin QIAN**Finite dimensional characteristic functions of Brownian rough path
- 879 **Jiuhua GUO, Fayou ZHAO**Some *q*-inequalities for Hausdorff operators
- 891 **Jun HU, Jing ZHANG, Yabo WU** Involutions in Weyl group of type F_4
- 907 **Ruo LI, Tiao LU, Zhangpeng SUN**Parity-decomposition and moment analysis for stationary Wigner equation with inflow boundary conditions

(contents continued on inside back cover)

中国数学前沿 CN 11-5739/O1 邮发代号: 80-964 ISSN 1673-3452