

# Stanford

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## Chen Cheng

Ph.D. Student in Statistics, admitted Autumn 2019

### Publications

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#### PUBLICATIONS

- **Fast Global Convergence of Natural Policy Gradient Methods with Entropy Regularization** *OPERATIONS RESEARCH*  
Cen, S., Cheng, C., Chen, Y., Wei, Y., Chi, Y.  
2021
- **Tackling Small Eigen-Gaps: Fine-Grained Eigenvector Estimation and Inference Under Heteroscedastic Noise** *IEEE TRANSACTIONS ON INFORMATION THEORY*  
Cheng, C., Wei, Y., Chen, Y.  
2021; 67 (11): 7380-7419
- **ASYMMETRY HELPS: EIGENVALUE AND EIGENVECTOR ANALYSES OF ASYMMETRICALLY PERTURBED LOW-RANK MATRICES.** *Annals of statistics*  
Chen, Y., Cheng, C., Fan, J.  
2021; 49 (1): 435-458