

# Stanford

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## Tushant Mittal

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### Bio

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#### STANFORD ADVISORS

- Mary Wootters, Postdoctoral Faculty Sponsor
- Tselil Schramm, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **Pseudorandomness of Expander Walks via Fourier Analysis on Groups**  
Jeronimo, F., Mittal, T., Roy, S.  
edited by Ene, A., Chattopadhyay, E.  
SCHLOSS DAGSTUHL, LEIBNIZ CENTER INFORMATICS.2025
- **Explicit Codes Approaching Generalized Singleton Bound using Expanders**  
Jeronimo, F., Mittal, T., Srivastava, S., Tulsiani, M.  
edited by Koucky, M., Bansal, N.  
ASSOC COMPUTING MACHINERY.2025: 843-854
- **ALMOST-RAMANUJAN EXPANDERS FROM ARBITRARY EXPANDERS VIA OPERATOR AMPLIFICATION** *SIAM JOURNAL ON COMPUTING*  
Jeronimo, F., Mittal, T., Roy, S., Wigderson, A.  
2025; 54 (5): 120-158