



## Tiffany Fan

- Ph.D. Student in Computational and Mathematical Engineering, admitted Autumn 2019
- Masters Student in Computational and Mathematical Engineering, admitted Winter 2022

### Bio

---

#### EDUCATION AND CERTIFICATIONS

- B.A., Macalester College , Mathematics and Chemistry (2019)

#### LINKS

- Personal Website: <https://sites.google.com/view/tiffanyfan>

### Publications

---

#### PUBLICATIONS

- **Probabilistic partition of unity networks for high-dimensional regression problems** *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING*  
Fan, T., Trask, N., D'Elia, M., Darve, E.  
2023
- **Spectrum-Adapted Polynomial Approximation for Matrix Functions with Applications in Graph Signal Processing** *ALGORITHMS*  
Fan, T., Shuman, D. I., Ubaru, S., Saad, Y.  
2020; 13 (11)