

## Math470/480/720 Reading course on expanders

We meet on Tuesdays at 2:30.

### Schedule:

#### Tuesday Jan. 22:

- *Bowen Gang* 2:30–3:15: Random walks on graphs  
Reference: T. Tao, Expansion in groups, Notes 1.3.  
S. Hoory, N. Linial, A. Wigderson.
- *William Wright* 3:15–4:00: Random graphs as expanders  
Reference: T. Tao, Expansion in groups, Notes 1.4.

#### Tuesday Jan. 15:

- *Leta Montopoli* 2:30–3:15: Expander graphs  
Reference: T. Tao, Expansion in groups, Notes 1.1.
- *Mashbat Suzuki* 3:15–4:00: The Cheeger constant for graphs  
Reference: T. Tao, Expansion in groups, Notes 1.2.