DISSCUSION SERIES IN

$$\frac{d(G)}{d} = \frac{1}{d-\lambda m} \frac{1}{m} \frac{1$$

TOPICS

Week 1: Permutations & Combinations, Pigeonhole Principle
Week 2: Generating Permutations & Combinations, The Binomial
Coefficients

Week 3: The Inclusion-Exclusion Principle

Week 4: Recurrence Relations and Generating Functions Week 5: Special Counting Sequences

Week 6: Systems of Distinct Representatives, Combinatorial

Designs

- Meeting: two times a week (time/location TBA)
- This is a student led discussion series.
- This is not a YSU course, but will be conducted formally like a rigorous two credit course.
- Emphasis will be given to an in-depth understanding of the topics and problem solving.