

## Anthony Van Duzer

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CONTACT INFORMATION      4735 E. Hedges Ave      (352) 745-4523  
Fresno, CA      avnduuzer@ufl.edu  
93703      <http://people.clas.ufl.edu/avanduzer/>

RESEARCH INTERESTS      Enumerative Combinatorics-specifically tree enumeration and problems related to vertex counting.

EDUCATION      **University of Florida**  
Ph.D. in Mathematics, May 2019  
**University of Florida**  
M.S. in Mathematics, December 2015  
**University of California at Davis**  
B.S. in Mathematics, May 2011

TALKS      *Vertices of Rooted Trees, and Their Distance From the Closest Leaf*, Final Defense, University of Florida (April 2019)  
*Machine Sortable Permutations*, Graduate Mathematical Association Colloquium, University of Florida (April 2018)  
*Protected Vertices in Motzkin Trees*, Oral, University of Florida (November 2017)  
*Enumeration of leaves and 1 protected vertices in unary-binary trees*, Combinatorics Seminar, University of Florida (October 2015)  
*Pattern avoidance in Latin Squares*, Combinatorics Seminar, University of Florida (February 2015)

PAPERS      *Vertices of Rooted Trees, and Their Distance from the Closest Leaf* Dissertation  
*Subtrees of a Given size in Schroeder Trees* Preprint  
*Protected Vertices in Motzkin Trees* Preprint (<https://arxiv.org/pdf/1712.09507.pdf>)

TEACHING  
EXPERIENCE

Fall	2018	Teaching Assistant Calc III
Summer	2018	Primary Teacher Calc I
Spring	2018	Teaching Assistant Calc III
Fall	2017	Teaching Assistant Calc II
Summer	2017	Primary Teacher Survey of Calculus I
Spring	2017	Teaching Assistant Calc II
Fall	2016	Teaching Assistant Calc I
Summer	2016	Primary Teacher Survey of Calculus I
Spring	2016	Teaching Assistant, Calc III
Summer	2015	Primary Teacher, Calculus I
Fall	2014	Teaching Assistant, Calc I
Summer	2014	Primary Teacher, Calculus I
Spring	2014	Teaching Assistant, Trigonometry
Fall	2013	Teaching Assistant, Precalc with Trig

RELEVANT  
SKILLS

Basic knowledge of Python  
Passed the first actuarial exam ID number 68069