

# DEREGE HAILESELASSIE MUSSA

Ad-Interim Assistant professor

Dep't of Mathematics

Texas A&M University-Commerce

Texas, TX 75429

OFFICE#: Bin. 320

PHONE#: (903) 886-5435

EMAIL: [Derege.Mussa@tamuc.edu](mailto:Derege.Mussa@tamuc.edu)

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## Education

PhD degree in Mathematics Education,  
Columbia University, NY

M. Phil degree in Mathematics Education,  
Columbia University, NY

MA degree in Mathematics Education  
Teachers College, Columbia University, NY

Advanced study in the PhD program in Mathematics  
CUNY Graduate Center, City University of New York, NY

B.SC degree in Mathematics

Addis Ababa University, Ethiopia

Zeway comprehensive Secondary School

Zeway, Ethiopia

## **Professional Experience**

Ad-Interim Assistant professor

Dep't of Mathematics, Texas A&M University-Commerce,  
Texas, TX 75429(*August 26, 2013 - current*)

*Courses: College Algebra, Business Calculus*

Temporary Graduate faculty member

Dep't of Mathematics, Texas A&M University-Commerce, Texas  
(*September 24, 2013 - current*)

Adjunct Lecturer:

Dep't of Mathematics and Statistics, Hunter College, City University  
of New York, NY

*Courses: Finite Mathematics, Introduction to statistics, College Algebra, Pre-calculus, Calculus*

## **Publications**

Tetrahedra and Their Nets: Mathematical and Pedagogical implications. *Teachers college, Columbia University*  
*May 22, 2013 (Doctoral Dissertation)* Advisor:  
Professor Bruce Vogeli, Professor Joseph Malkevitch

Tetrahedron and Nets. *American Mathematical society, 1096-51-703*  
*October 2, 2013*

The Transitions from Two Dimensions to three Dimensions – Some  
Geometry of the Tetrahedron (with J. Malkevitch) *Submitted to*  
*Consortium, June 21, 2013. (On progress)*

The Twenty five partition of types of Tetrahedra *Submitted to*  
*Geombinatorics, September 6, 2013. (On progress)*

Nets of Tetrahedra. *Submitted to College mathematics (Mathematical*  
*Association of America), September 12, 2013. (On progress)*

Reconstruction of Tetrahedron from Edge length.  
*Submitted to American Mathematical Society, September 15, 2013*

Degenerate Tetrahedra. *Submitted to National Council of Teachers of Mathematics, October 14, 2013*

## **Research Interest**

Three Dimensional Polyhedra (Specifically Tetrahedron),

Graph theory

Mathematics Education

## **Conference Presentation/ Participations**

Derege H. Mussa. Tetrahedron and nets, paper will be presented at the 2014 National Joint Mathematics meeting, Baltimore, January 17, 2014

Joint Mathematics meetings

January 9 -12, 2013 San Diego, CA

Geometric Analysis 2008 conference

February 2008, CUNY Graduate Center, City University of NY, NY

Future direction in Global Riemannian Geometry

September 2007, University of Maryland, College Park, MD

NY Regional conference, October 23, 2009

Borough of Manhattan community college, City University of NY, NY

Association of Teachers of mathematics, November, 2009,

Hunter College, City University of NY, NY

## **AWARDS**

CUNY Graduate Center ,City University of NY Tuition Award

D.K. Harrison Award CUNY Graduate Center ,City University of NY

Belgian Technical Corporation(BTC) Scholarship Award

Grant in Aid Award, Columbia University

## **Professional Memberships**

American Mathematical Society

Society for Industrial and Applied Mathematics

International Linear Algebra Society

## **Reference:**

Professor Bruce Vogeli, Teachers College, Columbia university

[brv@columbia.edu](mailto:brv@columbia.edu)

Professor Joseph Malkevitch, Teachers College, Columbia University

[jm2415@columbia.edu](mailto:jm2415@columbia.edu)

Professor Richard C. Churchill, Hunter College, CUNY  
Richard.churchill@columbia.edu

Professor Sandra Pryor Clarkson, Hunter College, CUNY  
Sandra.clarkson@hunter.cuny.edu

Professor Martin Bendersky, Hunter College, CUNY  
mbenders@hunter.cuny.edu