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VITA: JOHN W. NEUBERGER

March 2015

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EDUCATION:

University of Texas: BA, 1954 (Mathematics, Physics), Ph.D, 1957 (Mathematics)

ACADEMIC POSITIONS:

University of Texas: Special Instructor, 1956-57

Illinois Institute of Technology: Instructor 1957-59

University of Tennessee: Assistant Professor 1959-63

Emory University: Associate Professor, Professor, 1963-77

University of North Texas: Professor, Regents Professor, Regents Professor Emeritus, 1977-

GOVERNMENT, INDUSTRIAL CONSULTING WORK:

Military Physics Research Lab., Univ. of Texas, Summer 1955

Associate Engineer, Senior Nuclear Engineer, General Dynamics, Summers 1956-57

Institute for Air Weapons Research, Univ. of Chicago, 1957-59

Gaseous Diffusion Plant, Oak Ridge, 1959-65

Institute for Defense Analyses: IDA-P 1973-; IDA-A 1986-; IDA-LJ 1991; IDA-CCR 2014-.

Oak Ridge National Laboratory, 1979-89

Formal Systems Design & Development, 1986–92

Chadbourne Environmental Systems, 1996-97

National Security Agency, 1996–

Los Alamos National Laboratory, 1999-

Data Vortex, 2005-.

OTHER:

Alfred P. Sloan Research Fellow, 1967-69

Visiting member, Institute for Advanced Study, Princeton, 1968

Visitor, Cambridge University., Summer 1969

Research Consultant, North Carolina State, Summer 1972

Visitor, NYU, 1973

Visiting Professor, University of Kentucky, Fall 1973

Visitor, Stanford University, Summer 1974

Visitor, University of Oklahoma, 1981

Visitor, National University of Mexico, 1981

Visitor, Kuwait University, 1981

Visitor, University of Chile, 1985

Visitor, Oxford University, 1988

Visitor, University of Puerto Rico, 1989

Visitor, Weizmann Institute, 1995

Swiss Technion Society Lecturer, Technion, 1996.

Universidad de los Andes, Venezuela, 1998,2000 (Summer school, conducted in Spanish)

Visitor, University of Athens, 2001

Visitor, Universidad Autonoma, Madrid, 2002

Senior Consultant, Educational Advancement Foundation, 2002-

Member, Max Plank Institute, Leipzig, 2005

Visitor, University of Pretoria, 2007

Visitor, Ulm University, 2007,2008,2009

Visitor, Dresden University, 2013

EDITORIAL: Editor and Editorial Board, Various Mathematical Journals

STUDENTS: About thirty *PhD* students directed, about seventy-three descendents.

PUBLICATIONS: About 120 publications (listed on *www.math.unt.edu/ ∼ jwn/*)

INVITED TALKS: Maybe more than 300

RESEARCH: Partial differential equations, ordinary differential equations, scientific computing, superconductivity, algebraic geometry, functional analysis, real analysis, multilinear algebra

UPDATED: 16 March 2015