TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Dr. Gregory B. Passty Title: Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	1978	University of Southern California	Mathematics, General	Asymptotic Behavior of an Implicit Differencing Scheme Associated with Accretive Operators in Banach Spaces
MA	1974	University of Southern California	Mathematics, General	
BA	1971	University of Southern California	Mathematics, General	

C. University Experience

Position	*University*	*Dates*
Assistant Dean, College of Science and Engineering	Texas State University. San Marcos, TX, United States	January 1, 2009 - Present
Professor, Department of Mathematics	Texas State University. San Marcos, TX, United States	September 1, 1992 - Present
Associate Dean, College of Science	Texas State University. San Marcos, TX, United States	July 1, 2005 - December 31, 2005
Interim Dean, College of Science	Texas State University. San Marcos, TX, United States	November 15, 2003 - July 1, 2005
Associate Dean, College of Science	Texas State University. San Marcos, TX, United States	August 25, 1997 - November 15, 2003
Acting Dean, School of Science	Texas State University. San Marcos, TX, United States	December 1, 1996 - August 15, 1997
Assistant Dean, School of Science	Texas State University. San Marcos, TX, United States	September 1, 1994 - December 1, 1996
Associate Professor, Department of Mathematics	Texas State University. San Marcos, TX, United States	September 1, 1985 - September 1, 1992
Assistant Professor, Department of Mathematics	Texas State University. San Marcos, TX, United States	September 1, 1982 - September 1, 1985

II. TEACHING

B. Courses Taught:

Texas State University:

MATH 1315 - COLL ALGEBRA

MATH 1316 - SURVEY CONTEMP MATH

MATH 1319 - MATH BA+ECO I

MATH 1329 - MATH BA+ECO II

MATH 1329 - MATH BUS & ECO II

MATH 2358 - DISCRETE MATH I

MATH 2471 - CALCULUS I

MATH 2472 - CALCULUS II

MATH 3323 - DIFFEREN EQUAT

MATH 3377 - LINEAR ALGEBRA

MATH 3380 - ADV CALCULUS I

MATH 4306 - FOURIER SERIES

MATH 4311 - INTRO HIST MATH

MATH 4315 - ADV CALCULUS II

MATH 4336 - TOPICS APP MATH

MATH 4382 - LIT MDN HIST MATH APP

MATH 5301 - PART DIFF EQUAT

MATH 5301 - PARTIAL DIFF EQUAT

MATH 5311 - FOUND DIFF EQUA

MATH 5312 - FUNCT COMPX VAR

MATH 5317 - PROB ADV MATH

MATH 5336 - STUDIES APP MATH

MATH 5336 - TOPIC APPL MATH

MATH 5382 - REAL ANALYSIS

MATH 5399A - THESIS

MATH 5399B - THESIS

MATH 5399 - THESIS

MATH 7301 - STUDIES IN MATH

MATH 7302 - HISTORY OF MATH

MATH 7363A - COMPLEX ANALYSIS

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

d. Chapters in Books:

Refereed:

Passty, G. B., Torrejon, R. (1988). On extending the router sum to monotone operators. *Linear Circuits, Systems and Signal Processing: Theory and Applications* (pp. 391-395). North Holland.

Passty, G. B., Torrejon, R. (1985). The parallel sum of generalized gradients. *Trends in the Theory and Practice of Non-Linear AnalysisNorth Holland* (pp. 371-376). North Holland.

Barnsley, M. F., Herod, J. V., Mosher, D. L., Passty, G. B. (1981). Analysis of Boltzmann equations in Hilbert space by means of a nonlinear eigenvalue property. *Spectral Theory of Differential Operators* (pp. 45-52). North Holland.

2. Articles:

a. Refereed Journal Articles:

Passty, G. B. (1986). The parallel sum of nonlinear monotone operators. *Nonlinear Analysis – Theory, Methods and Applications, 10*, 215-227.

Barnsley, M. F., Herod, J. V., Mosher, D. L., Passty, G. B. (1983). Solutions for a model Boltzmann equation by monotonicity methods. *Houston Journal of Mathematics, 9*, 345-355.

Passty, G. B. (1982). Construction of fixed points for asymptotically nonexpansive mappings. *Proceedings of the American Mathematical Society, 84*, 212-216.

Passty, G. B. (1981). Preservation of the asymptotic behavior of a nonlinear contraction semigroup by backward differencing. *Houston Journal of Mathematics, 7*, 103-110.

Barnsley, M. F., Herod, J. V., Mosher, D. L., Passty, G. B. (1981). Some operators which commute in a nonlinear Boltzmann equation. *Lettere al Nuovo Cimento, 32*, 437-442.

Barnsley, M. F., Herod, J. V., Jory, V. V., Passty, G. B. (1981). The Tjon-Wu equation in Banach space settings methods. *Journal of Functional Analysis, 43*, 32-51.

Passty, G. B. (1979). Almost convergence of the infinite product of resolvents in Banach spaces. *Nonlinear Analysis – Theory, Methods and Applications, 3*, 279-282.

Passty, G. B. (1979). Ergodic convergence to a zero of the sum of monotone operators in Hilbert space. *Journal of Mathematical Analysis and Applications, 7*, 383-390.