

## SHORT CV

### Professor VU KIM TUAN

Marion Crider Distinguished Chair of Mathematics  
Department of Mathematics, University of West Georgia, Carrollton, GA 30118

- **Education :**
  - 1987 D.Sc., Belarusian State University, Minsk, Belarus
  - 1985 Ph.D., Belarusian State University, Minsk, Belarus
- **Plenary and Invited Addresses :**
  - April, 1987 : Cuibusev, Russia
  - September, 1990 : Hanoi, Vietnam
  - June, 1992 : Quynhon, Vietnam
  - August, 1994 : Sofia, Bulgaria
  - August, 1996 : Varna, Bulgaria
  - February, 1998 : Quezon, Philippines
  - May, 1998 : Kuwait
  - January, 1999 : Kiryu, Japan
  - July, 1999 : Seoul, South Korea
  - January, 2001 : Amritsar, India
  - February, 2001 : Minsk, Belarus
  - August, 2002 : Hanoi, Vietnam
- **Conference Presentations:** *February, 1981:* Minsk, Belarus; *September, 1981:* Leningrad (Saint–Petersburg), Russia; *May, 1983:* Varna, Bulgaria; *August, 1990:* Kyoto, Japan; *August, 1993:* Munich, Germany; *August–September, 1993:* Potsdam, Germany; *November, 1993:* Montpelier, France; *May, 1996:* Kuwait; *January, 2000:* Kaoshiung, Taiwan; *January, 2002:* Madeira, Portugal; *March, 2002:* Birmingham, USA; *August–September, 2002:* Hong Kong; *March, 2004:* Athens, Ohio, USA
- **Seminars and Colloquia :** *March, 1987:* Computer Center of USSR Academy of Sciences, Moscow, Russia; *April, 1987:* Belarusian State University, Minsk, Belarus; *May, 1987:* Lithuania Institute of Mathematics and Cybernetics, Vilnius, Lithuania; *June, 1987:* Voronez State University, Voronez, Russia; *September, 1987:* Steklov Institute of Mathematics, Moscow, Russia; *January, 1994:* Free University of Berlin, Berlin, Germany; *1994, 1995, 1997, 2002, 2004:* Kuwait University, Kuwait; *August, 1995:* University of Tokyo, Tokyo, Japan; *September, 1995, 1999:* Fukuoka University, Fukuoka, Japan; *August, 1997:* Wolfram Research, Champaign, USA; *July, 1999:* Kyushu University, Fukuoka, Japan; *May, 2002:* University of Bahrain, Bahrain; *September, 2002:* City University of Hong Kong, Hong Kong
- **Visiting Positions :** *Friedrich-Schiller University*, 1988, 1993, Jena, Germany; *Belarusian State University*, 1990, Minsk, Belarus; *Hue College of Education*, 1991, Hue, Vietnam; *Quynhon College of Education*, 1992, Quynhon, Vietnam; *Free University of Berlin*, 1993–1994, 1996, Berlin, Germany; *University of Tokyo*, 1995, Tokyo, Japan; *Fukuoka University*, 1995, 1999, Fukuoka, Japan; *Wolfram Research, Champaign*, 1997, Illinois, USA; *Gunma University*, 1999 Kiryu, Japan; *City University of Hong Kong*, 2002, Hong Kong; *Kuwait University*, 2004, Kuwait

- **Fields of Interest:** Integral Transforms, Integral Equations, Sturm-Liouville Problems, Inverse and Ill-posed Problems, Special Functions, Orthogonal Polynomials, Fractional Calculus, Numerical Analysis, Sampling Theory, Harmonic Analysis, Entire Functions, Analytic Continuation.
- **Conference Organizing**  
*New Trends in Mathematics and Applications*, June 1992, Quy Nhon, Vietnam; *International Conference on Fourier Analysis and Applications FAA 98*, May 1998, Kuwait; *International Conference on Abstract and Applied Analysis ICAAA 2002*, August 2002, Hanoi, Vietnam; *Workshop on Inverse Problems*, February 2004, Carrollton, USA, *Workshop on Sampling, Spectral Theory and Their Applications*, April 2005, Carrollton, USA; *International Conference on Abstract and Applied Analysis ICAAA 2005*, June 2005, Quynhon, Vietnam; *Session on Integral Transforms and Applications, ISAAC Congress*, July 2005, Catania, Italy; *International Conference on Analytic Methods of Analytic and Differential Equations*, September 2006, Minsk, Belarus
- **Editorship:** Editor and past Editor of the " *Fractional Calculus and Applied Analysis. An International Journal*", " *East-West Journal of Mathematics*", " *Kuwait Journal of Science & Engineering*", 2002-2003, " *International Journal on Nonlinear Mathematical Analysis*", 2002, " *Journal of Rajasthan Academy of Physical Sciences*", " *Revista Tecnica de la Facultad de Ingenieria Universidad del Zulia*", " *Numerical Functional Analysis and Optimization*", Volume 121(2000), Double Issue No 1 & 2
- **PhD Supervision:** Grinkevich G.V. (1987), Nguyen Thanh Hai (1990), Nguyen Thi Tinh (1997), Dinh Thanh Duc (2000)
- **Award:** Best Research Award of Faculty of Science, Kuwait University, 1999
- **Publications** More than 110 books and refereed papers. Five recent publications:
  - (1) Vu Kim Tuan. On the supports of functions. *Numer. Funct. Anal. and Optimiz.* **20**(1999), no. 3 & 4, p. 387-394.
  - (2) Vu Kim Tuan. Stable analytic continuation using hypergeometric summation. *Inverse Problems* **16**(2000), p. 75-87.
  - (3) Vu Kim Tuan. Spectrum of signals. *J. Fourier Anal. Appl.* **7**(2001), no. 3, p. 319-323.
  - (4) Vu Kim Tuan. Paley-Wiener and Boas theorems for singular Sturm-Liouville integral transforms. *Adv. Appl. Math.* **29**(2002), pp. 563-580.
  - (5) Boumenir A. and Vu Kim Tuan. Existence and construction of the transmutation operator. *J. Math. Physics.* **45**(2004), no. 7, pp. 2833-2843.