

Biography

Hong Kun Xu is currently distinguished professor at Hangzhou Dianzi University in Hangzhou, China. He received BS., M.S. and Ph.D. degrees from Zhejiang Normal University in 1982, Zhejiang University in 1985 and Xi'an Jiaotong University in 1988, respectively. Subsequently, he joined East China University of Science and Technology as Lecturer and was promoted to Associate Professor in 1990. He took a Visiting Professor position at the University of Seville (Spain) from October 1992 to July 1993, and was a postdoctoral fellow at Dalhousie University (Canada) for the 1993/1994 academic year. He joined the University of Durban-Westville (renamed as University of KwaZulu-Natal in 2004) in August 1994 as an Associate Professor and was promoted to Professor in 1997 and Senior Professor in 2003. Xu was a Professor at King Saud University from February 1999 to July 2000. From Jan 2008 to Jan 2015, he was with the National Sun Yat-sen University (NSYSU) as Xiwan Chair Professor. He was Head of the Department of Applied Mathematics from Nov 2010-July 2013 and Dean of College of Science from Feb 2014-Jan 2015 both at NSYSU. Xu held visiting positions at many institutions in several countries and was a Japan JSPS Invitational Fellow with Tokyo Institute of Technology from December 2003 to January 2004. In 2014 he was selected by the Zhejiang "1000 Talents" program. He has addressed many international conferences as invited and keynote speakers. Xu is the winner of several awards, including the 2004 South African Mathematical Society Research Distinction. He was elected fellow to the Academy of Science of South Africa in 2005 and to TWAS, the World Academy of Sciences, in 2012. He has been Thomson Reuters Highly Cited Researcher since 2014. He currently serves editorial boards of over 20 international mathematical journals and has refereed for nearly 100 mathematical and engineering journals. Xu's research areas include nonlinear functional analysis, iterative methods for nonlinear equations, fixed point problems, and inverse and ill-posed problems, differential and integral equations, optimization algorithms for big data problems, and mathematical finance.