

Theme Lecture 14

Professor Hong-tian Xiao

Department of Civil Engineering &
Architecture, Shandong University of
Science & Technology, Qingdao, China



Theme Lecture Title

Analysis of Crack Problems in Graded
Halfspace Subject to Complex Loading

Dr. Hongtian Xiao is a professor of Shandong University of Science & Technology Since 2001. He got a Ph.D. degree from Tsinghua University in 1998. He served as the head of Underground Engineering during 2012 to 2016. His main research interests are in numerical analyses in geotechnical engineering and fracture mechanics for graded materials. He has published 2 books and 64 journal papers. He is recipient of the awards including the outstanding young scientists from Chinese Association of Rock Mechanics and Rock Engineering (2002).

Education:

September 1980 to June 1984, Bachelor of Engineering, Mining Engineering, Shandong University of Science & Technology, Tai-an, China

September 1984 to June 1987, Master of Engineering, Mining Engineering, Shandong University of Science & Technology, Tai-an, China

September 1994, Ph.D., Hydraulic Engineering, Tsinghua University, China

Professional Experience:

From August 1987 to October 1997, Assistant Lecture, Lecture, Dept. of Mining Engineering, Shandong University of Science & Technology

From November 1997 to October 2001, Associate Professor, College of Resources and Environmental Engineering, Shandong University of Science & Technology

From November 2001, Professor, College of Civil Engineering & Architecture, Shandong University of Science & Technology

From July 2004- June 2006, Post-doctoral fellow, Department of Civil Engineering, The University of Hong Kong

Research field:

1. Numerical analyses in geotechnical engineering
2. Fracture mechanics for graded materials