Ta-Tsien **Li**

Élu Associé étranger le 21 juin 2005, dans la section Sciences mécaniques et informatiques

---

Professeur à la prestigieuse université Fudan de Shanghai, Ta-Tsien Li, né en 1937 en Chine, est l'un des meilleurs spécialistes de l'étude de l'apparition des discontinuités dans les solutions des équations hyperboliques non linéaires. Ce domaine difficile est d'une très grande importance dans les applications, puisqu'il inclut aussi bien les phénomènes de chocs en dynamique des gaz que l'élasticité non linéaire dynamique. Les résultats obtenus par Ta-Tsien Li constituent des contributions fondamentales dans ce domaine.

Professor at the prestigious Fudan University in Shanghai, Li Ta-Tsien is one of the best experts of the analysis of the appearance of discontinuities in the solutions in nonlinear hyperbolic equations. This highly challenging field is of considerable importance in applications, since it includes shocks in gas dynamics and time-dependent nonlinear elasticity. The results obtained by Li Ta-Tsien constitute fundamental contributions to this field.

Curriculum vitae

1957	Graduate, Department of Mathematics, Fudan University, Shanghai (China)
1957-1979	Professor, Fudan University, Shanghai
1979-1981	Visiting Scholar, Collège de France, Paris
1980-present	Professor, Fudan University, Shanghai
1985-1997	Head of the Applied Mathematics Center, Fudan University, Shanghai
1991-1999	Dean of the Graduate School of Fudan University, Shanghai
1996-present	Co-Director of the Centre of Mathematics of the State Ministry of Education
1997-2003	Membre du Conseil d'Enseignement, École Polytechnique, Paris
1998-present	Co-Directeur de l'Institut Sino-Français de Mathématiques Appliquées, Fudan University/École Polytechnique
2000-present	Director of the Scientific Committee of the International Center of Pure and Applied Mathematics (CIMPA) in China
2003-present	Officer-at-Large of the International Council for Industrial and Applied Mathematic

Membership

1995 Member of the Chinese Academy of Sciences
1997 Fellow of the Third World Academy of Sciences

Awards

1982, 1997 Prizes of National Natural Sciences from the State

1985, 1986, 1992 Prizes of Scientific and Technological Progress from the State Education Commission

1987 Prize of Scientific and Technological Progress from Shanghai Municipality

2005 Exceptional Shanghai Award for Teaching Achievements in Higher Education

2005 First National Award for Teaching Achievements in Higher Education

2005 Science and Technology Progress Award Ho Leung Ho Lee Foundation

Le 28 novembre 2006

Notice biographique de Ta-Tsien Li, Membre de l'Académie des sciences