CURRICULUM   VITAE

Tsutomu KAMBE

April 30, 2007

Present Position :

- Member of IUTAM Bureau (2004 ∼   )
- Member of Science Council of Japan (2006 ∼   )

  Former Professor (Fluid Mechanics)   at Department of Physics, University of Tokyo (retired in 2000)

- Professor at Keio University and Hosei University (part time)

Present address :

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Born : 1940 (Japan)

Education :

1962, B. Sc. in Physics, University of Tokyo
1964, M. Sc. in Physics, University of Tokyo
1969, Ph. D. in Physics, University of Tokyo

Professional Experience :

1966–76   Research Associate, Institute of Space and Aeronautical Science, University of Tokyo
1974–75   British Council Scholar at University of Cambridge (UK)
1976–78   Research Associate, Department of Physics, University of Tokyo
1978–84   Associate Professor, Department of Applied Science, Kyushu University
1984–2000 Professor, Department of Physics, University of Tokyo
1996   President, Japan Society of Fluid Mechanics
1997–2003 Chairman:
            National Committee for Theoretical and Applied Mechanics

Research areas

Fluid Mechanics (Turbulence, Vortex dynamics, Vortex sound)
Mathematical Physics (Gauge theory, Geometrical theory)

Editorial activity

Editor-in-Chief of the journal: *Fluid Dynamics Research*
(1991-2002, Japan Society of Fluid Mechanics and Elsevier Sci. Publ.)

Membership of learned societies

The Physical Society of Japan
Japan Society of Fluid Mechanics

Number of scientific publications

Scientific papers: 97 papers in English,   56 papers in Japanese

Textbook in English:
- *Elementary Fluid Mechanics*   (World Scientific, 2007)
- *Geometrical Theory of Dynamical Systems and Fluid Flows*
    (World Scientific, 2004)

Five textbooks in Japanese:
- *Fluiddynamics*,
- *Stability and turbulence*,
- *Aeroacoustics*,
- *Partial differential equations*,   and
- *Theory of complex functions.*