

CURRICULUM VITAE

Lubomir Lilov

PERSONAL DATA:

Born: December 9, 1942 in Voynitza, Bulgaria
Family status: Married (1968), daughter (1970), son (1977-2003)
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EDUCATION AND ACADEMIC DEGREES:

1960-1962 Sofia University – Faculty of Mathematics and Physics
M.Sc. 1962-1966 Moscow University – Faculty of Mathematics and Mechanics
Ph.D. 1967-1971 Moscow University – Faculty of Mathematics and Mechanics
Dr. Sc. 1985 Sofia University

GRANTS:

1962-1966 grant of the Bulgarian government for education in USSR
1967-1971 grant of the Bulgarian government for post-graduate study in USSR
1973-1975 grant of DAAD Foundation for post-doctoral study and research in Germany (Hannover)
1984 grant of DAAD Foundation for research in Germany (Karlsruhe, 3 months)
1999 grant of DAAD Foundation for research in Germany (Karlsruhe, 2 months)
1999 visiting professor at the University of Karlsruhe, Institute of Technical Mechanics, 4 months
2002 visiting professor at the Tokyo Institute of Technology, Precision and Intelligence Laboratory, 4 months

LANGUAGE KNOWLEDGE: Bulgarian – mother tongue, Russian, German, English - fluent

FIELDS OF PROFESSIONAL INTEREST (KEY WORDS):

Analytical Mechanics; Multibody Systems; Kinematics, Dynamics and Control of Robots; Satellite Dynamics; Stability and Control of Motion; Oscillations; Variational Principles.

EMPLOYMENT AND TEACHING EXPERIENCE:

1966-1967 and 1971-1976 Bulgarian Academy of Sciences – Center of Mathematics and Mechanics, Research Fellow
1976-1987 Sofia University – Faculty of Mathematics and Mechanics, Associate Professor
1979-1986 Faculty of Mathematics and Mechanics Vice-Dean
1986-1996 Annual of the Sofia University – part "Mechanics" Editor

1987	Faculty of Mathematics and Mechanics Professor
1987-1997	Journal of Structures and Machines, New-York — Basel Associate Editor
1987-1992	Laboratory of Computational Mechanics "Mechatronika" Head
1987-1991	Sofia University Vice-Rector
1989	Chair of Analytical Mechanics Head
2004	Journal of Theoretical and Applied Mechanics Associate Editor
2004 (also 1986-90, 2003-2007 r.)	Higher Testimonial Committee – Committee of Mathematical Sciences Member
2005	East European Journal of Mathematics Associate Editor

PROFESSIONAL ACTIVITIES:

Courses delivered: Analytical Mechanics, Stability and Control of Motion, Dynamics of Multibody Systems, Dynamics and Control of Manipulative Robots, Calculus of Variations, Nonlinear Oscillations.

Publications: over 100 papers in scientific journals and proceedings of international conferences; books "*Stability of Motion*", Nauka i Izkustvo, Sofia, 1981, "*Lectures on Analytical Mechanics*", Sofia University, 1988, "*Modelling of Multibody Systems*", Nauka, Moscow, 1993, "*Dynamics and Control of Manipulative Robots*", Sofia University, 1997, "*System Theory and Control of Motion*", Sofia University, 1997.

Lectures at the Research Centers: Computer Center of Soviet Academy of Sciences, Moscow (USSR, 1973, 1975, 1982, 1984); Institute of Fundamental Technological Research, Warsaw (Poland, 1972, 1976, 1978); Institute of Thermo mechanics, Prague (Czechoslovakia, 1973); International Center of Mechanics, Udine (Italy, 1977); Institute of Mechanics, Hanoi/Saigon (Vietnam, 1983); Institute of Automatization, Frunze (USSR, 1982, 1987); Institute of Mathematics, Belgrade (Yugoslavia, 1987); Institute of Cybernetics, Berlin (GDR, 1985), Institute of Fundamental Mechanical Problems, Moscow (USSR, 1982, 1984, 1990).

Lectures at the Universities of: Moscow (1972, 1984, 1986); Munich (Germany, 1974); Leningrad Polytechnical Institute (USSR, 1982); Prishtina (Yugoslavia, 1983); Hanoi (Vietnam, 1983); Stuttgart (Germany, 1984, 1999); Hannover (Germany, 1984); Hamburg (FRG, 1984, 1986); Karlsruhe (Germany, 1984, 1986, 1993, 1994, 1999), Belgrade (Yugoslavia, 1987); Thessaloniki (Greece, 1987), Athens (Greece, 1990); Louvain-la-Neuve (Belgium, 1993, 1994), Manheim (Germany, 1999), Tokyo Institute of Technology, Tokyo (Japan, 2002), EGIM, Marseille (France, 2004)

MEMBERSHIPS:

1971	Union of Bulgarian Mathematicians
1983	Applied Mathematics and Mechanics Society, Germany (Gesellschaft für Angewandte Mathematik und Mechanik)