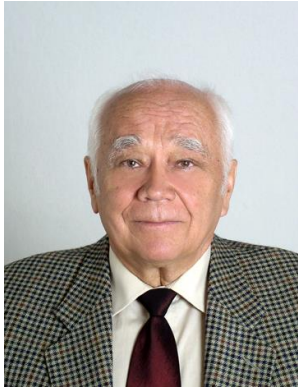


**Alexander N.GUZ**  
(Short Biography)



Alexander N. Guz was born 1939 in Ichnia of Chernigov region of Ukraine and graduated from the Mechanics and Mathematics Department of Kiev State University in 1961. He is working at the Institute of Mechanics of the NASU (National Academy of Sciences of Ukraine) since 1960, receiving an appointment as Head of the Department of Dynamics and Stability of Continuum Media (1967) and serving as Director of the Institute of Mechanics of the NASU (from 1976 until present).

He received the Candidate of Sciences degree (1962) and the Doctor of Sciences degree (1965). He was named Professor (1969).

**He is Academician of the NASU (1978), Member of the Academia Europaea (1992), Fellow of the New York Academy of Sciences (1997), Fellow of the World Innovation Foundation (2001), Member of the European Academy of Sciences (2002).**

His principal scientific results have been obtained in mechanics of deformable solids and related problems of continuum mechanics: the three-dimensional theory of stability of deformable bodies, the theory of propagation and diffraction of elastic waves in multi-connected bodies and bodies with initial stresses, stress concentration around holes in shells, mechanics of composites materials and structural members utilizing them, aerohydroelasticity, non-classical problems of fracture mechanics, rock mechanics, dynamics of viscous compressible liquid, contact problems, mechanics of nanocomposites and non-destructive methods of stress determination.

**He is the author or co-author of 70 books (including 19 solo) and about 1000 scientific papers (including more than 400 solo).**

**He has trained 36 Doctors and about 100 Candidates of Sciences.**

**Awards (Prizes): Medal BLAISE PASCAL of the European Academy of Sciences (2007), Medal LIFETIME ACHIEVEMENT of the ICCEF (Int. Conf. on Comput. & Exper. Eng. and Sciences) (2012), DIPLOMA di MERITO con MEDALIA D'ORO of the European Scientific - Industrial Chamber (2013), Albert Nelson Marquis Lifetime Achievement Award (2017), Order "HONOR" of the Kremlin Fund (Russia) (2007), State Prize of USSR (1985), State Prizes of Ukraine (1979, 1988), V.I.Vernadsky GOLD MEDAL of the National Academy of Sciences of Ukraine (2014), Prize of the National Academy of Sciences of Ukraine (1979, 1983, 2000, 2014, 2016, 2017), Lenin Komsomol Prize for young scientists (1967), Lenin Komsomol of Ukraine Prize for young scientists (1973).**

He serves in the editorial boards of several international scientific journals and is the editor-in-chief of the international scientific journal **Prikladnaya Mekhanika** (since 1976). He is the Chairman of the National Committee of Ukraine of Theoretical and Applied Mechanics (since 1993).

Multi-volume collective fundamental books: *Methods of Shells Theory* in five volumes (1980-1982), *Mechanics of Composites Materials and Structural Members* in three volumes (1982-1983), *Three-Dimensional Problems of the Theory of Elasticity and Plasticity* in six volumes (1984-1986), *Mechanics of Coupled Fields in Constructive Members* in five volumes (1987-1989), *Non-Classical Problems of Fracture Mechanics* in four volumes (1990-1994), *Mechanics of Composites* in twelve volumes (1993-2003), *Advances of Mechanics* in six volumes (2005-2012), *Modern problems of mechanics* in three volumes (2018) were supervised and co-authored by Prof. A.N. Guz.

Some main scientific results of A.N.GUZ were presented (in English) in book "SERIES "Classics of World Science", vol.11, **Olexander M GUZ**" (TIMPANI, Ukraine, 2006, 521p.). This book is Vol. 11 of series "Classics of World Science" publishing by Austria, Czech Republic, Slovakia and Ukraine.