

Curriculum Vitae

Name	Elguja
Surname	Medzmariashvili
Date and place of birth	17 August, 1946, Batumi
Address:	Work 0175 – Tbilisi, 68 ^a , Kostava St. Georgian Technical University Institute of Structures, Special Systems and Engineering Provision, Georgian Technical University
Education:	Higher
1964-1969	Faculty of Construction, Georgian Polytechnical University, Industrial and Civil Construction, construction engineer, Diploma with Honours C N 437137
Scientific degree and title:	
1974	Candidate of Technical Sciences
1975	Assistant Professor
1994	Doctor of Technical Sciences
1995	Professor
2001	Corresponding Member of the Georgian Academy of Sciences
2005	Doctor of Military Sciences
Positions held:	
1973-1990	Assistant Professor, later Professor, Head of the Chair of Building Constructions, Georgian Polytechnical Institute
1991-2005	Professor, Head of the Chair of Military-engineering Armament and Special Structures, Georgian Technical University
1979-2006	Director General and General Constructor of the Georgian Institute of Space Structures
1999-2002	Adviser of the Georgian Minister of Defence in the field of engineering provision of the troops
1999-2004	Member of the Georgian Parliament. Chairman of Military-Industrial Subcom- mittee, Chairman of a Parliamentary Faction and Thematic Leader of the Majority
2000-2006	President of the Military-Engineering Academy of the General Staff of the Georgian Armed Forces
2006	to the present day – General Constructor of Structures, Special Systems and Engineering Provision, Chief Scientific Collaborator and Chairman of the Scientific Council, Georgian Technical University
2009	to the present day – Full Professor of the Georgian Technical University mechanics of space complexes; mechanics of above-ground complexes; military- engineering field; military theory
Sphere of scientific interests:	
Number of published works	252
List of principal scientific works:	Monographs: 1. Трансформируемые системы. АН СССР. НПО «Прогностика и перспективные НИОКР», Тбилиси, 1990 г. 2. Трансформируемые конструкции в космосе и на земле. Изд. Германия – Грузия. 1995 г. 3. Foundations of Georgia’s Unified Military-Engineering Provision. Military- Engineering Strategy and Operational Art. “Technical University”, Publisher, Tbilisi, 2002, “Saiudumlo” 4. Foundations of Reorgia’s Military-Engineering Doctrine. “Technical University” Publisher, 2006

5. Механика космических комплексов. Издательство «Технический Университет». 2009 г.
6. New Approaches to Questions of Military theory. «Технический Университет». 2009 г.

Textbooks:

1. Creating and Testing Large Space Structures of High Precision Surface. Space Power, Volume 12, Number 1-2, 1993.
2. Transformable Space and Ground-Based Constructions. Special Issue of Magazine. Valemar S&T, Liechtenstein-Germany-Georgia, 1994.
3. New Experiment at Orbital Mir Station. Aerospace Courier, No 4, 1999.
4. Special General Course of Engineering-Construction Art. Georgian Technical University, 2005
5. Deployable Space Reflector Antenna. “E.V.M.”International Publication Number. WO 03/003517 A I. 9.01. 2003. International Application Published Under the Patent Cooperation Treaty (P.C.T.).
6. New Variant of The Deployable Ring-Shaped Space Antenna Reflector. An International Journal SPACE COMMUNICATIONS N3. 2009.

Prizes, awards:

- Diploma of the Patriarch of Georgia for participation in the construction of the Tbilisi All-Holy Cathedral Trinity Church, and with the Honorary Diploma of the Patriarch for Special Contribution to Science
- Georgian, international, former Soviet Union, Russian Federation State and departmental orders and medals, including the Vakhtang Gorgasali Order, Class I and the Order of Merit – 17 awards in all
- State Prize in Science and Engineering
- Elected Honorary citizen of Mtskheta
- Giorgi Nikoladze Prize awarded by the Georgian National Academy of Sciences

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