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Address: Univerzitetski trg 2, 18000 Niš, YU, Tel: (018) 547-095, Fax: (018)-24-488
<http://ni.ac.yu/Facta>

JAKOV HLITCHIEV (1886 - 1963)

Natalija Naerlović-Veljković

Građevinski fakultet, Beograd



Jakov M. Hlitchiev (J.M.Klitcheieff) was born in Nahichevan upon r. Don (Armenia province of Russia). In 1911 he received diploma from Peterburg Polytechnic Institut, Department of Shipbuilding. During 1914-1915 he participated in graduate (postgraduate) study obtaining degree: Adjunct of Applied Mechanics. Between 1911 and 1918 he conducted instructions at Department of Shipbuilding and at the same time he worked as design engineer in shipbuilding industry of Department of Navy.

In 1918 J.M. Hlitchiev left Peterburg (half year after revolution). Till middle of 1919 he stayed at Polytechnic Institute of Herson upon r. Don, as an associate professor, teaching Strength of Materials, Shipbuilding and Approximate/Value Calculus. In 1920 he reached

Belgrade.

Professor Hlitchiev worked at Faculty of Engineering of the University of Belgrade between 1920 and 1958, at the Chair of Technical Mechanics. After retiring of Professor Arnovljević, and after the war, Prof. Hlitchiev was appointed Head of Chair. He wrote several textbooks in the field of Strength of Materials and Theory of Elasticity.

With scientific work Professor Hlitchiev started in Russia, back before revolution, but his main scientific activity took place during almost 40 years spent at the University of Belgrade. Most important results Prof. Hlitchiev achieved analyzing following problems: torsion and bending of thin-walled members; bending of continuous beams on elastic supports or on cross-girders; bending of plates with various boundary conditions, buckling of continuous beams on elastic supports, stability of plates reinforced by ribs; problems connected with strength of slip's structures. Most usual mathematical tools he used were trigonometric series.

Papers of Prof. Hlitchiev were most often published in publications of Serbian Academy of Sciences or in foreign journals like J. Appl. Mech., Quart. J. Mech. and Appl. Math., Aeron. Quart., Schiffstechnik. He was member of Editorial Board of International Shipbuilding Progress. He was also the first President of Yugoslav Society of Theoretical and Applied Mechanics, 1954-56. After expiration of the first term he was elected again, twice in a row.

Prof. Hlitchiev has never lost his intellectual connection related to his beginning at

Petrograd Polytechnic Institute. To a certain degree he continued the scientific work of his professors Bubnov and Papkovich. His friendly scientific contact with just a little older S.P. Timoshenko remained unchanged through years.

Prof. Hlitchiev, as Head of the Chair, used to cooperate with beginners in science, creating his "School of Mechanics".

In 1955 Prof. Hlitchiev was elected the regular member of the Serbian Academy of Sciences.

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