

these aspects in the context of fluid flow. His concurrent activities covered teaching various topics in mechanics of solids to undergraduates, and the theory of elasticity, dynamics of elastic systems, and aeroelasticity - on the graduate level.

In 1969 he transferred to the Faculty of Agricultural Engineering and assumed responsibility for all undergraduate and graduate courses on engineering mechanics - namely, strength of materials, dynamics, mechanical vibration, stress analysis of structures, theory of elasticity and stability of elastic structures.

His research work during this period covered structural mechanics (statics, stability and vibration of thin shells), mechanics of fluids (vortex flow, flow with separation), and dynamic fluid-structural interaction. Most of his research was funded intramurally, except for projects sponsored by the Air Force. Apart from that, he acted as consultant to industrial enterprises (a practice begun in Poland) and to colleagues at the Technion.

A no less important role was that of mentor and supervisor to graduate students. The following is a partial list of the themes covered in this capacity: strength of compressor casings; bending and stability of plates of composite materials; dynamic response of polygonal plates with cutouts; energy absorbed by thin-walled elastoplastic tubes under impact; collapse of tubes conveying fluid; stress analysis of a rotating cylindrical shell under internal and/or external pressure; stability of a shell under longitudinal compression by uniform shear (grain silos); stability of pipes buried in silos; contact problems of a wavy half-space.

In the course of his sabbatical leaves, he stayed at major centres of learning overseas:

- 1962-3- at the Cranfield College of Aeronautics, England, at the invitation of Prof. W. S. Hemp, here he collaborated in research with Prof. A. Kerr.
- 1965-6- at the Courant Institute of Mathematical Sciences, New York University, at the invitation of Prof. A. Kerr.
- 1973-3- at the Faculty of Aerospace and Mechanical Sciences, Princeton University, at the invitation of Prof. E. A. Dowell.
- 1980-1- at the Department of Civil Engineering, University of Delaware, as Visiting Professor; here he was invited to give an interdisciplinary introductory course in aeroelasticity and hydroelasticity for students of the Departments of Civil and Mechanical Engineering, which he also gave, upon his return, at the Faculty of Mechanical Engineering at the Technion, on the graduate level.

Since 1975 he was a member of the American Institute of Aeronautics and Astronautics, and the Editorial Board of "Archives of Solid Mechanics".

Professor Kornecki had an extremely engaging and colourful personality. A first-rate research scientist, he loved teaching and was deeply appreciated by his students. His erudition reflected profound insight into mechanics in its infinite

variety of aspects. His questions and comments at seminars always brought out hidden facets of the discussed topic. Professor Kornecki took an active part in technical discussions on ongoing works, which is so vital especially in a small country in which a danger of professional isolation is such a real possibility.

Having experienced at first hand the hardships of war and uprootedness, he was ever ready to offer help - often anonymously in the best tradition of his ancestors - to those who needed it, especially immigrants (including the undersigned) and young staff members.

His image will forever live in the hearts of those who knew him, wherever they are.

Blessed be his memory.

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