DANG DINH ANG: NONLINEAR ANALYSIS AND MECHANICS
(ON THE OCCASION OF HIS EIGHTIETH BIRTHDAY)

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On the occasion of his seventieth birthday, the article Dang Dinh Ang: The first seventy years "Acta Mathematica Vietnamica" 20 No. 3 (1995) by N. H. Anh, N. X. Sanh and T. D. Van gave delightful details about the scientific career and family life of this eminent scientist. We present below some more details.

Professor Ang was born on 16 March 1926 in Thuy Duong, Chuong My, Ha Tay. After his secondary education in Hanoi, he went to the University of Kansas (KU) to study Aeronautical Engineering. After graduating from KU in 1955, he went to Caltech (California Institute of Technology) for graduate studies and obtained his Ph.D in Aeronautics and Mathematics in 1958. He became a doctoral fellow in Aeronautics, Caltech 1958-1960, after which he was appointed Head of The Mathematics Department of Saigon University, which position he held until 1975 at which date he became Director of The Analysis Laboratory of Hochiminh City University of Science. He was appointed Professor of Mathematics in 1980.

Dang Dinh Ang has held visiting appointments in some famous international institutions in the United States and in Europe:

Has directed 12 doctoral theses in Nonlinear Analysis - Mechanics, one of these was presented at Ecole Polytechnique Paris, another was presented at Universit Paris-Nord.

Professor Ang’s career is a harmonious synthesis of Nonlinear Analysis and Mechanics. As early as in 1955, he won a prize of the Institute of Aeronautical Sciences in Fort Worth, Texas for his paper on compressible viscous flow. More recently, in 1997, one of the pioneers of Fracture Mechanics K.B.Broberg, in his paper “Early theories of dynamic fracture” in the Anniversary Volume in honor of George R.Irwin’s 90th birthday, referred to a problem on dynamic fracture first considered by Fillipov in the Soviet union, then by Maue (1954) in West Germany, and, to quote him “A further illustration of the interest shown in the 1950’s for dynamic problems involving stationary cracks is given by the occurrence of a doctor’s thesis in the California Institute of Technology by D.D.Ang, who considered the same problem as Maue and used the Wiener-Hopt technique after solution of dual integral equations (Ang 1958). Thus, within a decade, essentially the same problem was solved in the Soviet Union, West Germany and United States, most independently of each other”.

On this occasion, we wish him good health and strength for the continuation of his work.

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SELECTED SCIENTIFIC PUBLICATIONS DANG DINH ANG

We have presented the essential features of Professor Ang's contributions in Nonlinear Analysis-Mechanics. For reference's sake, we reproduce below a list of his selected scientific publications

1. Displacement thickness in compressible viscous flow, Memoire presented to the Institute of Aeronautical Sciences IAS Fort Worth Texas (USA) 1955.
2. (with M. L. Williams) Some radiation problems in elastodynamics, GALCIT (1957)


**MONOGRAPHS**

2. Nhập môn giải tích (Introduction to Analysis), NXB Giáo Dục, 1997
5. (With Vy Khoi Le) Variational Inequalities: Contact Problems in Mathematical Engineering and some Related Free Boundary Like Problems (Submitted to Chapman & Hall/CRC, 2005)

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