

The name *Carl Clement Grosjean* (b. 1926) is well known to all scientists working in the fields of physics and applied mathematics. He obtained *Ph.D.* degree in 1951 from Columbia University in New York city, and in the same year he was awarded *Doctor of Science* from the University of Ghent, Belgium; his Alma Mater. He did some experimental work on neutron diffusion and collaborated in the design and construction of the first linear accelerator of the laboratory at his institution.

Dr. Grosjean was a Francqui Foundation Fellow for two years at the Princeton University, where he dedicated to the study of quantum field theory and theoretical solid state physics. In 1958 he was appointed as a professor at the state university of Ghent, where he taught several courses on applied mathematics and physics, and founded the Central Digital Computing Laboratory. He introduced the systematic study of numerical analysis and computing programming at Ghent.

He is author of more than one hundred publications, covering a broad spectrum of applied mathematics and physics. His initial papers dealt with multiple scattering of particles and propagation of electromagnetic TM-waves in



corrugated waveguides. His original work in collaboration with W. Bossaert "*Table of absolute detection efficiencies of cylindrical scintillation gamma-ray detectors (including correction coefficients to take into account the finite extension of plane sources)*" is well known. He has also contributed in neutron physics and nuclear reactor theory. In recent years his main interest has been oriented towards the theory and applications of special functions of mathematical physics. He is a member of several scientific societies. He was successively vice-president and president of the Belgian Mathematical Society. He is a member of the Royal Academy of Sciences, Belgium, and occupied editorial positions of several research journals.

It is with great pleasure we include this invited article "*On the frequency shift resulting from the perturbation of an electromagnetic TM wave mode by small metallic cylinder in a resonant cavity*" of this distinguished scientist, in this Special Edition of the *Revista Técnica*, dedicated in honour to Gral. Antonio José de Sucre.

Shyam L. Kalla