

BEGINNING OF DEVELOPMENT OF THE SCIENCE AND TECHNOLOGY OF INFORMATION IN ROMANIA

STEFAN IANCU¹

Abstract. *At the beginning of the third millennium, information and communication technologies (ICT) were not more just a technology, but form a part of our daily life. In this paper the author try to tell us why we need to consider teachers Tudor Tănăsescu and Mihai Drăgănescu to be initiators and promoters of the information revolution in our country and how the Romanian Governmental Commission for the endowment economy with modern computers and automatic data processing has worked in our country for the assimilation in manufacturing computers of the third generation, for the coordination of international cooperation in the field of computing and for the promotion of principles and ideas to guide to setting operational activities and concepts to create a national informatic system.*

Keywords: information and communication technologies, Romanian national informatic system

1. Introduction

Quick development of the Information Technology and Communications has made nowadays that information to become a key strategic source of a nation, unlike industrial society where the main strategic resource was capital. Massive spread of information in all areas of economic and social transformation led to the creation of the premises for future information society-knowledge society, which has been the epos of the Romanian electronic computers.

The development of information and communication technology, the most dynamic branch of science and technology revolution today would not have been possible without the extraordinary discoveries in the fields of semiconductor physics and microelectronics. In these circumstances, it appears natural that those who founded the Romanian school of electronics engineering and semiconductor devices teachers Tudor Tanasescu and Mihai Draganescu to be initiators and promoters of the information revolution in our country.

Professor Tudor Tanasescu (1901-1959), founder of the Romanian school of electronics has had a significant role in strengthening and developing the teams of the Institute of Atomic Physics in the construction of digital computer, including based transistors, with their use in various fields (in particular, for the engineering and technical calculations). He also contributed to the improvement of doctoral training specialists needed in the field of computers, which began in 1965,

¹Professor, Ph.D., Engineer, Founder member of the Academy of Romanian Scientist, Industrial Property Consultant.