THE WORLD FORUM OF CYBERNETICS

—Mexico 1981—

As a scientific achievement of the 20-th century, cybernetics has asserted itself through its powerful gnoseological value. Just like other fields of knowledge, cybernetics has appeared as an objective result of the development and complexity of social practice. Cybernetics represents a qualitative leap in the dialectical process of the evolution of human knowledge with large implications in the decisive sector of social development material production. Cybernetics has outlined new important theoretical and operational values of the law of universal connection. Cybernetics has achieved the dialectical osmose of the analysis of diachrony with that of the synchrony of the systems in nature and society, achieving a new framework of human investigatory and prospective thinking. The applications of cybernetics have greatly contributed to the contemporary technical and scientific revolution, to the automation and optimization of production processes, to raising social labour productivity, the organization and management of economic activity, to the manysided general development of society.

Scientists in Romania have made an important contribution to the development of cybernetics. Already in the 50's they understood the special theoretical and practical value of cybernetics, its applicative values in the process of socio-economic development.

This year the World Forum of Cybernetics is taking place in the beautiful and hospitable country of the Mexicans, a people with a millenary culture and civilization.

The Fifth International Congress of Cybernetics will rally scientists from all continents desirous of presenting their experience in various fields of cybernetics. The congresses of cybernetics went into the patrimony of universal science. Their animator, Prof. J. Rose deserves the recognition of cyberneticians everywhere. An eminent scientist and a brilliant scholar, prof. J. Rose has made an outstanding contribution to the development of cybernetics and to the organization of the international meetings of cyberneticians. His scientific and humanistic works serve the cause of understanding and peace among peoples.

Referring to the cybernetics development and its contribution, President of Romania — Nicolae Ceauşescu — said upon the awarding of the first "N. Wiener" medal that: "You know well that the international affirmation of cybernetics was not achieved without any difficulties — as a matter of fact, it is not the only science to have asserted itself by struggle — but it has proved its viability and importance in the development of mankind. As a matter of fact, all that is new in any field has always been affirmed by struggle and, in the end, only what is the result of the struggle is viable too and it is playing an important part in the development of the civilization of mankind. You are perfectly right that alongside many genius gains of mankind, cybernetics is holding an important place. In the concern for the building of a better and more righteous world, in which each nation can develop freely, in which people should turn their knowledge to account, in which both the peoples and individual personality should be affirmed".

In this context, the Fifth Congress of Cybernetics will debate vital problems confronting contemporary science and society, contributing to the establishment of a new world economic order, to progress and peace in the world.

Academician Professor MANEA MĂNESCU
Chairman of the Cybernetics Commission
of the Romanian Academy