# RADIATION AND THE ENVIRONMENT: A CYBERNETIC APPROACH

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Radiation and the Environment can be studied from different points of view. In the classical view the environment may be understood as a Lagrangian-Hamiltonian operator. In modern physics this view can be slightly improved by notions of quantum and statistical operators which includes the thermodynamic approach. It is shown that these methods are inadequate for the study of radiation and the environment. A cybernetic approach for the study of radiation and the environment is proposed which appears to solve some of the leading problems which face mankind today.