

Some Mathematical Models for the Environmental Crises.

Speaker:

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Abstract:

We expose some ideas on how the theories of Optimal Control and Differential Games can be motivated and applied to model the human attitude towards the actual Environmental Crises (like Global Warming, Biodiversity Loss, Epidemics). We try to explain how and to which extent such models can be useful to deeply understand such phenomena and help policy advisors and policy makers to make good decisions in the interest of the human community or, at least, to avoid the worst ones.