

Peer Review

Review of: "Multiscale Entropic Ethics: A Non-Scalar, Auditable Grammar for Decision-Making Under Irreversibility"

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The article advances a compelling, practice-ready framework that bridges moral philosophy and public law with a justiciable precondition for legitimate decisions.

Treating entropy as an analytic lens rather than an axiological end avoids category errors that often plague makes me think about new ideas.

Unlike traditional approaches that moralize entropy as order versus disorder, the Multiscale Entropic Ethics (MEE) framework treats entropy as a descriptive governance lens (a way to measure irreversibility, information integrity, and the limits of foresight rather than as a moral ideal).

Daniel distinguishes clearly between thermodynamic entropy (physical irreversibility) and informational entropy (diversity and uncertainty), embedding both within an auditable, four-layer process that links human rights and planetary boundaries to plural evaluation, robustness testing, and blindness reduction.

This shift transforms entropy into a practical tool for ethical due diligence, helping organizations anticipate cascading risks, detect manipulation or data monocultures, and maintain procedural accountability. REAL COMPLIANCE

MEE turns entropy from a metaphor of decay into an instrument of resilience and verifiable integrity in complex decision systems

I have to say that I have never read something like this, and I think it's very necessary nowadays. I could say this is a rigorous and innovative contribution that could inform judicial review, regulatory impact assessments, and AI (regulation) oversight by shifting ethics from declarative aspirations to verifiable procedural accountability. (Measure what matters) .

Declarations

Potential competing interests: No potential competing interests to declare.