

The 4 new laws of robotics

Where Asimov wrote to protect humans from machines, **Frank Pasquale** writes to protect human societies from the **concentration of power** that AI makes possible. ACF does not merely cite them: it **wires** them into enforceable tools.

Frank Pasquale · **New Laws of Robotics** · Harvard University Press, 2020

LAW

1

AI must complement professionals, never replace them.

IN ACF The agent **proposes**, the human retains the decision. Autonomy levels (ACF-02) bound delegation decision by decision; arbitration and correction remain a human act.

LAW

2

AI must not counterfeit humanity.

IN ACF Every agent declares itself as an agent. The **Agent Card (ACF-05)** sets its identity and scope; no system may impersonate a human to a customer or a colleague.

LAW

3

AI must not intensify the arms race.

IN ACF Criticality (ACF-03) and risk assessment (ACF-12) bound escalation. Negative-sum uses are refused: delegated power serves a sustained objective, not one-upmanship.

LAW

4

AI must always disclose its creators, controllers, and owners.

IN ACF Each agent has a named human owner and an accountable **DDAO** (Delegated Decision Agent Officer). The Decision Registry (ACF-09) traces the origin of every action : traceability is designed in from the start, not bolted on after the fact.



In ACF, these four laws are not an ethical add-on. They are inscribed in the **Agentic Constitution (ACF-04)** as non-negotiable principles, and made enforceable through **Accountability by Design (ACF-14)**: a principle that does not translate into a tool binds no one.