

The NOVAK Foundation Papers (v1.0)

Preface and Citation Guide

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System: NOVAK Protocol — Proof-Before-Action Execution Integrity

The **NOVAK Foundation Papers** are an interdisciplinary research collection exploring the implications of Proof-Before-Action (PbA) systems across psychology, sociology, law, mathematics, cryptography, AI safety, economics, forensics, national security, ethics, and governance.

NOVAK proposes a simple but radical idea:

No system — digital, institutional, or autonomous — should be allowed to act until it proves that its inputs, rules, and outputs are correct.

This transforms integrity from a best-effort goal into a mathematically enforced property.

Included Papers

1. **Deterministic Cognition: A Psychological Framework for Proof-Before-Action Systems**
2. **Cryptographic Social Order: How Proof-Before-Action Reorganizes Institutions and Human Behavior**
3. **Deterministic Legality: NOVAK as a Foundation for Objective Rule-of-Law Systems**
4. **The Formal Cryptographic Model of NOVAK: Deterministic Execution, HVET, RGAC, and Provable Action Boundaries**
5. **AI Correctness Enforcement via Proof-Before-Action: A Framework for Safe Autonomous Decision Systems**
6. **The Economic Collapse of Fraud-Based Markets Under Proof-Before-Action Enforcement**
7. **NOVAK and the Civilization-Scale Effects of Deterministic Action Enforcement**
8. **Forensics in a World Where Incidents Cannot Occur: NOVAK and the End of Reactive Security**

- 9. Strategic Immunity: The National Security Case for NOVAK**
- 10. Deterministic Ethics: When Moral Systems Run on Cryptographic Truth**
- 11. Governance-by-Math: Regulatory Models Enabled by Proof-Before-Action Enforcement**

Each paper is designed to stand alone and be cited independently, while together forming a comprehensive view of NOVAK as a **civilization-scale execution integrity system**.