Axioms of Outsmarting

Complexity Scales with Scope:
As the scale of influence increases, for example, from local to universal, so does the complexity of systems being manipulated. Metrics like Multi-Agent Complexity (MAC) or Systemic Scope (SS) reflect this escalation.

Multi-Factorial Nature:
Outsmarting is multifactorial in nature—a combination of several factors such as creativity, foresight, adaptability, and sophistication of opposition. This is why formulas are mostly additive or multiplicative.

Interaction of Elements:
Outsmarting is nonlinear; factors often interact with each other dynamically, creating multiplicative relationships.
Example: A character's Conceptual Influence (CI) is far stronger when combined with Foresight Depth (FD) because manipulating abstract systems requires a vision for long-term effects.

Sophistication of Opposition Matters:
It is significantly more impressive to outsmart a highly sophisticated opponent or system than to exploit a simple one. Metrics such as Opponent Complexity (OC) or Meta-System Complexity (MSC) capture this distinction.

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2. Empirical Basis
The structure of these formulas is drawn from observations in both human and narrative intelligence.

Inspiratory Sources: Real-World and Fictional

- **Game Theory:** Multiplicative terms, like AV+CII×MAC, are inspired by how multiple strategies interplay in competitive scenarios.
- **Complex Systems:** Additive relationships reflect independent metrics, such as creativity and foresight, working together synergistically.
- **Hierarchical Systems in Stories:** Many narratives—from chess to galactic wars—illustrate an upward escalation in size and complexity, justifying hierarchical frameworks.

Examples:

- **Tier 1 (Localized):**
  In chess, Tactics and Psychological Insight predominate, but the complexity of the opponent determines the challenge.
- **Tier 4 (Universal):**
  In a cosmic manipulation story, Conceptual Influence (CI) and Systemic Scope (SS) dominate as they reflect universal systems of causality and time.

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3. Logical Abstraction (A Priori Reasoning)

- **Why Additive Terms?**
  Additive terms capture independent contributions.
  Example: Foresight and Creativity may operate independently, but both contribute to overall effectiveness.
- **Why Multiplicative Terms?**
  Multiplicative terms capture interdependent relationships.
  Example: Manipulating abstract concepts (CI) is amplified by the breadth of influence (SS) because they act synergistically.
- **Why Escalating Complexity?**
  As tiers rise, formulas incorporate more dimensions, reflecting an increasing dimensionality of influence, such as moving from two factors in Tier 1 to four in Tier 6.
    - **Tier 1:** Focused, localized variables like Tactics.
    - **Tier 6:** Requires handling ultimate principles, recursion, and paradoxes.

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4. Philosophical Basis (Derived A Priori)

Scope of Intelligence and Outsmarting
These formulas align with philosophical theories of intelligence:

- **Abstraction and Creativity (Immanuel Kant and Bloom Taxonomy):** Higher intelligence synthesizes concepts across diverse domains, represented by CI × MCD.
- **Emergent Complexity (Aristotle and Complexity Theory):** Larger systems exhibit emergent properties that cannot be reduced to smaller subsystems. For instance, the EC metric applies specifically at Tier 3.

Sophistication of Systems:
The increasing complexity from localized systems to universal or multiversal frameworks mirrors the evolution of abstract thinking:

- **Tier 1:** Empirical, direct logic (e.g., explicit manipulation).
- **Tier 4+:** Transcendence into conceptual or ontological spaces.

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5. Tier-Specific Justifications

Tier 1 Formula (Localized):
$OI=(TAC+PI)\times OC$

- **Why Add TAC and PI?**
  Tactics (TAC) and Psychological Insight (PI) contribute additively.
- **Why Multiply by OC?**
  Outsmarting scales with the complexity of the opponent; a simple tactical plan becomes exponentially harder against a sophisticated adversary.

Tier 3 Formula: Galactic
$OI=(SA\times EC)+SF$

- **Why Multiply SA and EC?**
  Systemic Adaptability (SA) relies on handling Emergent Complexity (EC), making their relationship interdependent.
- **Why Add SF?**
  Strategic Foresight (SF) serves as a baseline capability that operates independently of the other metrics.

Tier 6 Formula: Cataphysical
$OI=(UPM\times MCD)+(RMC+ANLM)$

- **Why Multiply UPM and MCD?**
  Ultimate Principles (UPM) require mastery of Meta-Conceptual Systems (MCD) to function effectively.
- **Why Add RMC and ANLM?**
  Recursive Multiversal Complexity (RMC) and Absolute Non-Logical Mastery (ANLM) are complementary but remain independent skills.

Tiering System

General metric across tiers **Opponent Complexity = (Base Complexity (BC) + Domain Expertise (DE)) × Context Alignment (CA)**

- **Base Complexity (BC):**
  The intrinsic difficulty of outsmarting an average individual.
- **Domain Expertise (DE):**
  The opponent's specialized skills, such as athletic, intellectual, or creative abilities.
- **Context Alignment (CA):**
  A multiplier that adjusts how effectively those skills apply to the specific scenario.

Tier 1: Localized Outsmarting
Scope:
Manipulation of localized systems, such as individual opponents, small groups, or confined rule-based frameworks like games or localized schemes.

Key Metrics:

- **Tactics (TAC):**
  Precision and efficiency in executing strategies within well-defined systems.
  Example: Winning a chess game or navigating a single negotiation.
- **Psychological Insight (PI):**
  The ability to read and exploit human behavior in small-scale interactions.
- **Opponent Complexity (OC):**
  Intelligence and strategy level of the opponent.

Formula:
$OI=(TAC+PI)\times OC$

Tier 2: Local-Global Outsmarting
Scope:
Manipulation of multi-agent systems spanning local, societal, or planetary dynamics, such as politics, economics, or societal influence.

Key Metrics:

- **Adaptation Velocity (AV):**
  Speed and efficiency in dynamically shifting strategies.
- **Creative Innovation Index (CII):**
  Novel solutions to address complex systemic problems.
- **Multi-Agent Complexity (MAC):**
  The sophistication of the systems and agents being manipulated.

Formula:
$OI=(AV+CII)\times MAC$

Tier 2.5: Global Outsmarting
Scope:
An extension of Tier 2, covering fully global systems, integrating elite multi-agent dynamics and layered strategies.

Key Metrics:

- **Systemic Foresight (SF):**
  Ability to anticipate long-term outcomes across multiple agents and systems.
- **Creative Innovation (CII):**
  Expanded from Tier 2 to address global systems.
- **Opposition Complexity (OC):**
  The sophistication of opponents requiring layered strategies.

Formula:
$OI=(SF+CII)\times OC$

Tier 3: Galactic Outsmarting
Scope:
Interstellar manipulation involving emergent phenomena, large-scale diplomacy, and long-term strategy spanning civilizations.

Key Metrics:

- **Systemic Adaptability (SA):**
  Ability to adjust to galactic-scale systems with emergent properties.
- **Emergent Complexity (EC):**
  Complexity of large-scale, interconnected systems.
- **Strategic Foresight (SF):**
  Multi-generational or long-term planning.

Formula:
$OI=(SA\times EC)+SF$

Tier 4: Universal Outsmarting
Scope:
Manipulation of universal systems, such as time, causality, and space, across vast systems and scales.

Key Metrics:

- **Conceptual Influence (CI):**
  Ability to influence or manipulate abstract systems like time, space, or causality.
- **Foresight Depth (FD):**
  Long-term planning across universal scales and timelines.
- **Systemic Scope (SS):**
  Impact across entire galaxies, universes, or cosmic systems.

Formula:
$OI=(CI+FD)\times SS$

Tier 4.5: Multiversal Outsmarting
Scope:
Operating across multiple universes and branching timelines, leveraging multiversal frameworks.

Key Metrics:

- **Multiversal Navigation Efficiency (MNE):**
  Success in traversing and influencing multiversal structures.
- **Probability Optimization (PO):**
  Exploiting probabilities to ensure desired outcomes across timelines.
- **Systemic Influence (SI):**
  Manipulating systems across universes and timelines.

Formula:
$OI=(MNE\times PO)+SI$

Tier 5: Metaphysical Outsmarting
Scope:
Manipulating ontological structures and the foundational rules of reality itself.

Key Metrics:

- **Ontological Manipulation (OM):**
  Altering the fundamental rules of existence.
- **Paradox Exploitation Rate (PER):**
  Leveraging paradoxes to create outcomes that defy conventional logic, where logic exists in a metaphysical sense and not its formal scientific sense.
- **Meta-System Complexity (MSC):**
  Complexity of the metaphysical systems being manipulated, including extended

metaphysics aka pataphysics which is where imaginary solutions and absurdities are introduced.

Formula:
OI=(OM+PER)×MSC

Tier 6: Cataphysical Outsmarting
Scope:
Mastery over ultimate principles—beyond metaphysical systems—such as narrative, modality, and constants.

Key Metrics:

- **Ultimate Principle Manipulation (UPM):**
  The ability to manipulate absolute constants or frameworks present in an ultimate reality.
- **Meta-Conceptual Dynamics (MCD):**
  Creation and control of systems that go beyond abstraction or meta-causality.
- **Recursive Multiversal Complexity (RMC):**
  Thriving in and resolving infinite recursion loops where said loops interact on an absolute scale. (Cosmogony has more accurate usage than multiverse)
- **Absolute Non-Logical Mastery (ANLM):**
  Functioning effectively within paradoxical, meta-logical, or incomprehensible frameworks. Where incomprehensible=Ineffability.

Formula:
OI=(UPM×MCD)+(RMC+ANLM)