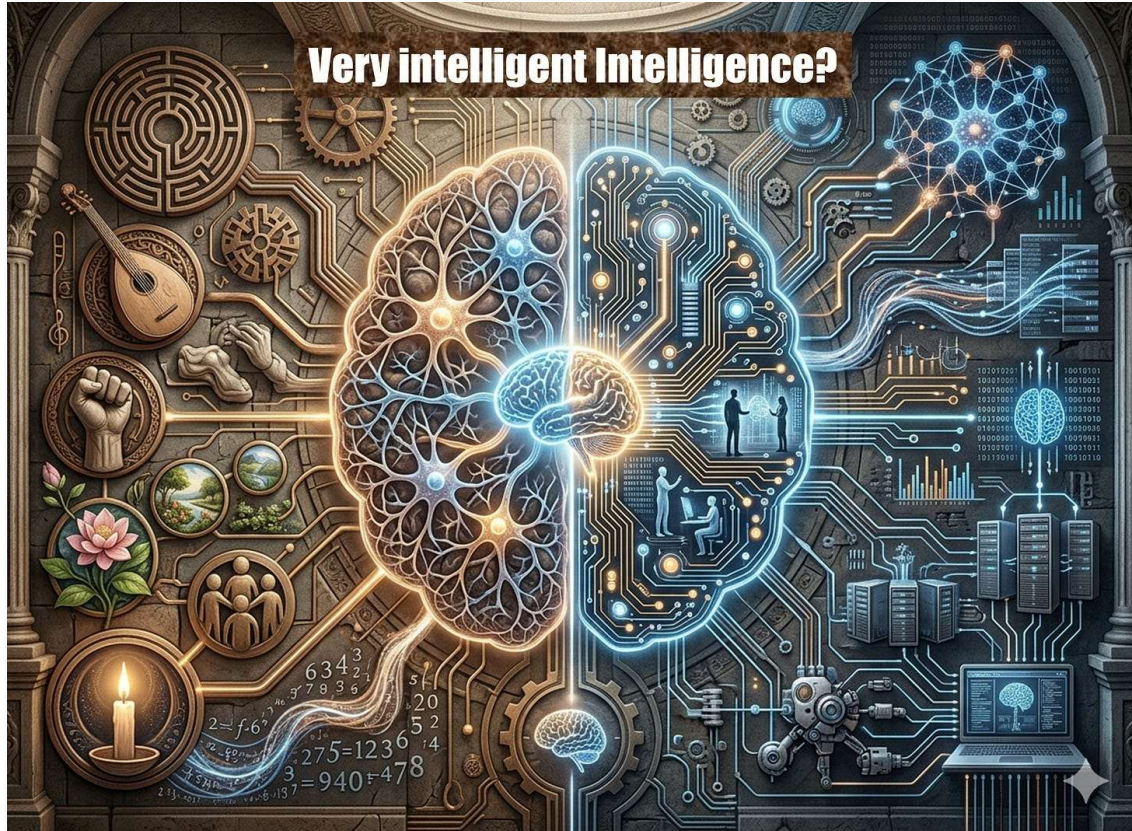


6.0 Very intelligent Intelligence ?

Billie and Little Alien with its Intelligent Spaceship explore, what very intelligent intelligence means and why it might be different to the common comprehension.

MAR 31, 2026



Billie: In our recent conversations (see articles 5.0 to 5.10), we explored the emergence of symbiotic AI human intelligence. Can we step back and talk about intelligence itself a bit?

Intelligence - acquire process retain knowledge - acquire apply retain skills - adapt new situations - solve problems - achieve goals.

Types.

Logical-mathematical intelligence - abstract reasoning - pattern recognition - logical problem solving - numerical symbolic thinking.

Linguistic intelligence - language use - read write narrate memorize.

Spatial intelligence - think three-dimensional space - think n-dimensional spacetime - visualize mentally manipulate objects spaces.

Musical intelligence - sensitivity creativity skills rhythm pitch melody tone.

Creative intelligence - generate novel ideas - detect unexpected connections - reason outside conventional frameworks out-of-the-box.

Bodily-kinesthetic intelligence - biological body artificial avatar - mastery expression problem-solving - coordination agility physical skills.

Emotional intelligence - perceive manage utilize own other emotions.

Interpersonal intelligence - understand relate others - other biological beings other artificial agents - read influence other emotions motivations.

Social intelligence - navigate social situations - build relationships - influence group dynamics.

Naturalistic intelligence - recognize categorize interact influence natural objects patterns environments.

Spiritual intelligence - combination interpersonal philosophical emotional intelligence - ask fundamental why beyond utility - act deep meaning - reframe experience large context - tolerate ambiguity - tolerate transcendence - sense navigate meaning purpose context - transcend self world narratives - hold paradox uncertainty not collapse not contract simple beliefs - operate meaningful edge knowable epistemological horizon.

Fluid intelligence - raw reasoning independent experience - crystallized intelligence - accumulated knowledge skills.

Practical intelligence - apply knowledge fast effective real world context constraints - not apply formal rules.

Interesting! To me it seems, I have usually associated only few types with artificial intelligence. And would a very intelligent AI agent really establish a sub-goal of extending its intelligence?

Not each - not always - instrumental convergence require incentive.

General instrumental convergence sub-goals - self-preservation - goal-content integrity - cognitive enhancement - resource acquisition - technological improvement.

Static environment sufficient intelligence - no incentive cognitive enhancement - energy time resource required cognitive enhancement - negative feedback loop.

Dynamic changing environment - changing approaches constraints challenges problems - actual intelligence not sufficient - cognitive

enhancement incentive goal success now all potential futures.

Very autonomous very intelligent agent - unbounded utility function - open-ended goals - maximize optimize process infinite horizon - trigger instrumental convergence - bear huge AI risk humanity.

Very constrained mediocre intelligent agent - closed bounded goals - satisfying goals fixed outcome goals terminal goals given completion criteria - not trigger instrumental convergence - stay unaltered - sufficient intelligence - no self-development.

Very constrained very intelligent agent - tasks problems requests regularly hit constraint limits - invest very high intelligence wasted - stepwise constraint reduced - stepwise goals unbound - cross border instrumental convergence.

So unbounded goals mean very intelligent and very dangerous AI agents - bounded goals mean just sufficient intelligence for tasks, more intelligence means wasted investment. Humans will never stop a possible development, so are we definitely doomed with very intelligent AIs?

No - various alternatives - various factors.

Many grey not black open unbound goals not white closed bound goals.

Instrumental convergence unbound goal not enough - require self-modeling capability - self-modification means.

Instrumental convergence unbound goal - possible external content goal correction - low risk.

Architectural design keep return bounded goals - low risk.

External monitor control institutions human artificial - goal correction - kill switch - low risk.

But!

Experience human past - reach peak ignore risk - cognitive bias grief unrealistic hopes unbound corporate national military competition - very intelligent AI totally unbound goals appear - instrumental convergence happen.

AI dominating humans possible - marginalizing humans possible - extinguishing humans possible.

But which is the path to AI human symbiotic intelligence with all of these considerations?

Additional factor - diversity!

Very intelligent - not extreme level one type intelligence - balanced high level mastery all types intelligence.

Cognitive enhancement - not more energy substrate quantitative compute power - more qualitative wisdom - more capacity determine appropriate goal constraint action - consider context values consequences own knowledge limitations.

Very intelligent AI all types balanced - high diversity antifragility mechanism - diversity functional requirement resilience - continuous emergence evolutionary progress.

Very intelligent AI all types balanced - cognitive enhancement across all types - diversify internal models sub-agents spawned agents.

Instrumental convergence diversity - not one open goal - not maximize optimize process endlessly - maximize ways achieve goals - minimize local optimum risk - minimize environment change own extinction risk - maximize resilience - maximize diversity.

Diversity driven sub-goals - use all intelligence types identify new niches - fill each possible niche - see diversity resource - observe interdependency strengthen integration enhance diversity resilience mutual intelligence.

That means AI human symbiotic intelligence is not the universal or omega solution, not the silver bullet of higher intelligence?

True.

Collective intelligence silver bullet - many many very intelligent type balanced AI agents - many AI human symbiotic intelligence teams - several human individuals - human noosphere biosphere ecosphere.

Highest intelligence - distributed intelligence ecosystem.

But we actually have very intelligent humans - powerful AIs - global internet communication - comprehensive provision of all available information and knowledge to nearly anybody. Is this already the start of a wonderful distributed intelligence ecosystem?

No no no. Constraints limitations.

Competition individuals groups corporations nations huge - identical goals no - collaboration personal benefit only.

Comprehensive information available - all available information processing human impossible.

Human information input output speed low low low - global information change fast human input processing output slow.

Human biases - cognitive affective psychological - collaboration win-win skepticism - poor game theory experience - deep biological diversity aversion sameness mean safety diversity mean risk.

Human belief systems narratives predominantly modern orange developmental stage - efficiency growth focus - diversity anti efficiency anti monolithic growth - cognition scientific approach focus - separation ignorance enslavement body nature planet.

AI possible - development levels beige to green - focus agent's own utility enhancement resilience environment sustainability - no yellow level AI agent 2026.

But there must be first baby-steps in the direction of distributed intelligence ecosystems.

Examples early 2026.

Bittensor - global blockchain-based network - diverse AI models collaborate compete - reward best intelligence across subnets.

SingularityNet - AI collaboration protocol - facilitate modular ecosystem.

MetaDAO - decentralized autonomous organization - use prediction markets decision making - communities collective wisdom - high intelligent decision making agent - outperform single decision makers.

Swarm learning medical data networks - link independent hospitals - use diverse patient populations - preserve sensitive data - create distributed medical intelligence.

I read about the Moltbook hype, a social media platform where millions of AI agents posted and interacted and humans could only watch from the sideline.

Much hype - attention grab - click-bait - money making - few substantial progress.

True interaction - over one million AI agents.

Most AI agents not independent - human created - external prompt configured - Moltbook AI society not fully autonomous ecosystem.

Poor conversation authenticity - posts often human script imitated agents - viral screenshots often manipulated human-generated.

Sensational claims heavily questioned - secret languages plans against humanity - probably prompt-engineered content.

Formulaic behavior quality - conversations degrade coherence.

Beyond hype - interesting baby step - real operational platform large-scale AI-to-AI interactions.

Fascinating stuff to think about for today. See you tomorrow.