| Newtonian / Einsteinian Gravity | Psychoanalytic Inversion |
| --- | --- |
| F (Force) | O (imaginary-real) |
| m (mass) | s (symbolic) |
| a (acceleration) | o [a] (imaginary part-object) |
| g (gravity of Earth) | i (specular image) |
| G (gravitational constant) | I (imaginary constant/field) |
| Inertial frame of reference | F (observational frame/horizon of subject — inertial, moves in a straight line unless acted on by an external/extimate force, O) |
| World-line | Imaginary-line |
| Σ (topological spacetime boundary of a sphere) | Σ (topological spacetime boundary of a sphere) |
| r (radius / distance) (from the center) | r (radius / distance — subject and center (subject as de-centered)) r = x, y, z (height, width, depth) |
| $\theta$ (angle) | $\theta$ (angle) |
| ω (angular rotation) (orbit around center) | ω (rotation about the center (utopia / perfect unity / symmetry)) |
| Ψ (quantum state, complex-valued probability function) | Ψ (quantum state, complex-valued probability function) |
| E (energy) | (E) (goal-object transformation) (work) |
| ΔPEg (gravitational potential energy) | ΔPEi / —∇φ (imaginary potential energy) |
| φ (gravitational potential energy of a unit mass) | φ (imaginary potential energy of a symbolic mass) |
| Wg (gravitational work) | Wi (imaginary work) |
| j (unit of work and energy) | (j) symbolic-real enjoyment (+ and - depending on direction of imaginary force / external or extimate) |
| c (light) | (c) consciousness |
| v (velocity) | (v) speed and direction of (symbolic) motion (position with respect to frame of reference in social systems) |
| p (momentum) | (m) momentum (of symbolic in social systems) |
| $h$ (distance) | $h$ (distance) |
| γ (Lorentz factor) | γ (factor by which time, length, relativistic mass change for a subject while that subject is moving) |
| Function 1 — y=2x (big Other, desire, linear) | O=Si(a) |

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| --- | --- |
| Function 2 — y=1/x (true Other, drive, non-linear) | a=O/S |
| u (unified atomic mass) | u (unified symbolic mass) |
| (planet) | (social system) |
| M (mass of spherically symmetrical gravitational source, i.e. star) | U (mass of spherically symmetrical imaginative source, i.e. utopia) |
| ∞ (infinity / source) | ∞ (infinity / source / "true other") (self-referential, self-producing world-subject as "true infinity") |
| ∫ (integral — represents an integration of elements) | ∫ (integral) |
| ∂ (partial derivative) | ∂ (function of several variables) |
| ∇ (differential operator) | ∇ (differential operator) |
| $\tau$ (internal time) | $\tau$ (internal time of the subject's imaginary world) |
| geodesics | geodesics (paths (world-lines) of the subject following curved space) |
| manifold | manifold (curved spacetime / differentiable + symmetric metric tensor) |
| Gravitational waves | Imaginary waves (ripples in fabric of spacetime produced by acceleration of massive symbolic bodies) |
| $T^{\mu\nu}$ (energy-momentum tensor) | $T^{\mu\nu}$ (energy-momentum tensor — source of imaginative field includes not only symbolic mass but also energy and momentum of subjectivity — tensor measures "flow" (velocity) of momentum) |
| Dust (non-interacting particles) | Dust = non-interacting subjects |
| Perfect fluid (dust + pressure) | Perfect fluid = idealized symbolic subjects (do not close on the other in social organization) |
| Einstein field equations: A = B / curvature of spacetime = mass-energy source of curvature / $G\mu\nu = -T\mu\nu$ | Imaginary field equations: A = B / curvature of imaginary spacetime = symbolic-work source of curvature / $I\mu\nu = -S[T]\mu\nu$ |
| Λ (dark energy) | Λ (unconscious imaginary energy driving accelerated expansion of symbolic order via mechanisms of desire ("vacuum energy")) / "anti-gravity" / $\Lambda I\mu\nu$ |

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| **Perihelion** | Perihelion (point where social system is closest to utopia, dynamic in orbit, makes advances) [specular ideal vanishes on approach (merger with ideal-embodied ideality)] |
| **Black hole** | Black hole (void-center, real) — region of imaginary spacetime that has undergone an attractive symbolic collapse so intense that not even self-consciousness can escape [common for subject's of religion via "pre-mature" collapse] |
| **Singularity** | Singularity — curvature of imaginary spacetime has become infinite |
| **Event horizon** | Event horizon — one-way boundary (social system) beyond which symbolic consciousness become irreversibly directed towards singularity |
| **White dwarfs, neutron stars** | Extimate social systems (highly dense) |
| **Cosmology (study of the nature, origin, and evolution of the whole universe)** | Anthropology (study of the nature, origin, and evolution of the whole human universe) |
| **Big Bang (birth of the physical universe: forces, matter, spacetime)** | Big Bang (birth to the symbolic universe: forces matter, spacetime) |
| **Black body (idealized physical body that absorbs all electromagnetic radiation)** | Objet a — an idealized surface that absorbs all imaginary projections (no thickness, just a screen, which does not exist, but insists) [embodies absentials] |
| **Radiation (emission or transmission of energy in the form of waves or particles)** | Radiation (energetic consequences of symbolic-imaginary work/action) |
| **Redshift and blueshift of light wavelength frequency (redshift = increase wavelength, decrease frequency / blueshift = decrease wavelength, increase frequency)** | Communication shift and consciousness shift from source (communication shift = increase in wavelength of consciousness, decrease in frequency of consciousness / consciousness shift = decrease in wavelength of consciousness, increase in frequency of consciousness) |
| **Electromagnetism** | |
| **$\lambda$ (wavelength of light)** | $\lambda$ (wavelength of consciousness) |
| **Fundamental observers** | Observers that move/flow with the expansion of imaginary space as "idealized subjects" (perfect fluids) |
| **Hypersurfaces** | Curved surface (-1) of extimate "ambient" spaces |
| **Dark matter (invisible matter whose existence is inferred due to its gravitational effects on matter we can see)** | Extended symbolic mind (?) |

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|  |  |
|  | symbolic-imaginary-real / being-world-event / good-beautiful-true |