

General Relativity & Kerr Metric for High-Spin Black Holes:

1. **Einstein, A. (1915)**. The Field Equations of Gravitation. *Annalen der Physik*.
 - Used to establish foundational aspects of general relativity, such as spacetime curvature and gravitational fields.
2. **Kerr, R. (1963)**. Gravitational Field of a Spinning Mass as an Example of Algebraically Special Metrics. *Physical Review Letters*, 11(5), 237–238.
 - Provided the specific Kerr solution for rotating black holes, which was modified for infinite spin scenarios.
3. **Event Horizon Telescope Collaboration (2019)**. First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. *The Astrophysical Journal Letters*, 875(1), L1-L5.
 - Data on the M87 supermassive black hole provided real-world observation for high-spin black hole modeling.

Quantum Mechanics:

4. **Schrödinger, E. (1926)**. An Undulatory Theory of the Mechanics of Atoms and Molecules. *Physical Review*, 28(6), 1049-1070.
 - Schrödinger's equation and quantum mechanics principles, used for modeling particle behavior in fields.
5. **Feynman, R. P. (1965)**. Quantum Electrodynamics. *The Feynman Lectures on Physics*.
 - Electromagnetic interactions, part of the QED framework we integrated into UFT.

Electromagnetism:

6. **Maxwell, J. C. (1865)**. A Dynamical Theory of the Electromagnetic Field. *Philosophical Transactions of the Royal Society of London*.
 - The four Maxwell equations used to model electric and magnetic fields.
7. **Jackson, J. D. (1998)**. Classical Electrodynamics (3rd Edition). *Wiley*.
 - Detailed reference for electromagnetism calculations and integration into UFT.

Thermodynamics and Proton-Motive Force (Biological Energy Dynamics):

8. **Mitchell, P. (1961)**. Coupling of phosphorylation to electron and hydrogen transfer by a chemi-osmotic type of mechanism. *Nature*, 191, 144-148.
 - Proton-motive force concept that was adapted to the biological aspects of UFT.
9. **Lehninger, A. L. (1975)**. Biochemistry: The Molecular Basis of Cell Structure and Function. *Worth Publishers*.
 - Information on ATP synthesis and bioenergetics integrated into the biology section of UFT.

Unified Field Theory (General Concepts and Modern Extensions):

10. **Einstein, A. (1925)**. Unified Field Theory. Collected Papers of Albert Einstein. Princeton University Press.

- Einstein's original attempt at unifying electromagnetism and gravity served as an inspiration for our UFT approach.

11. **Weinberg, S. (1979)**. The Quantum Theory of Fields. Vol. 1: Foundations. *Cambridge University Press*.

- Grounding in quantum field theory necessary for merging electromagnetism, weak, and strong forces.

12. **Rovelli, C. (2004)**. Quantum Gravity. *Cambridge University Press*.

- A reference to help explore the quantum corrections to gravity, especially relevant for high-spin black holes.

Observational Data:

13. **Planck Collaboration (2018)**. Planck 2018 Results. VI. Cosmological Parameters. *Astronomy & Astrophysics*, 641, A6.

- Data on the cosmic microwave background radiation, used to verify components of dark matter and dark energy in UFT.

14. **Particle Data Group (2020)**. Review of Particle Physics. *Progress of Theoretical and Experimental Physics*.

- Particle interactions and experimental verification of QED/QCD components of the UFT.

15. **LIGO and Virgo Collaborations (2016)**. Observation of Gravitational Waves from a Binary Black Hole Merger. *Physical Review Letters*, 116(6), 061102.

- Provided the gravitational wave data necessary for refining the quantum-gravity corrections in UFT.

Biological Implications:

16. **Royea, J., & Khacho, M. (2022)**. Alzheimer's Disease and Mitochondrial Dysfunction: Investigating Sigma-1-Receptor Medicine. *University of Ottawa*, Research Paper.

- Relevant to biological aspects integrated into UFT, focused on mitochondrial energy processes.

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