

# Appendix

## 8

**First-Cause cannot be Matter**

# THESIS: The First-Cause cannot be matter

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## LOGIC-1

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P1. It is impossible to cross an infinity.

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P2. Therefore, time cannot be past-infinite.

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P3. And there must be a first-cause.

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P4. Matter is always dynamic (due to Heisenberg Uncertainty principle). So, it cannot be temporally past-infinite. If it was, it would have to cross an infinite number of moments to get to the present moment. That is impossible. So, matter cannot be temporally past-infinite.

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P5. The action of the First-Cause has to be Internally Chosen.

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P6. Volitional causation is internally chosen causation. And a volitional cause is a MIND. And a MIND is a volitional Cause.

P7. Therefore, the First-Cause has to be Volitional-Cause. Therefore, the First-Cause has to be MIND (non-material, see p4; and volitional cause, see p5).

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P8. Matter by itself is NOT volitional in nature. It cannot make choices.

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P9. Therefore, the First-Cause cannot be matter.

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P10. The action of matter is externally triggered (e.g., you drop a ball, the falling of the ball is externally triggered from outside the ball; you toss a coin, the tossing of the coin is externally triggered from outside the coin).

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P11. The action of matter is NOT internally chosen. Therefore, the first cause cannot be matter.

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P13. Matter cannot change state between timed and timeless states. Matter exists IN time, and cannot volitionally choose to change states. Therefore the first-cause cannot be matter.

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## CONCLUSION

**C1. the first-cause cannot be matter.**

# THESIS: The Big-Bang indicates First-Cause is NOT matter

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## LOGIC-1

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P1. The Big-Bang shows (beyond a reasonable doubt) that all Matter-Energy Space-Time came into being (at the big bang) about 14 billion years ago.
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P2. Therefore, this indicates that Matter was NOT past-eternal.
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P3. The scientific-evidence for the Big Bang indicates that at the initial near-singularity (at the origin point of the Big Bang) all that existed was very highly concentrated energy within that near-singularity. There was no matter within that near-singularity, only energy.
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P4. Therefore, this indicates that Matter was NOT past-eternal.
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P5. So, the Big-Bang indicates that the First-Cause is NOT matter.

## CONCLUSION

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C1. The Big-Bang indicates that the First-Cause is NOT matter