

37 THESES and a question

- 1. *The flow of time is the crucial feature of all existence or reality.***
- 2. *The past as bygone is that which has been real, but is no longer real.***
- 3. *The future as to come is that which is not yet real, but may become real.***
- 4. *The now as instant is the sudden cut that separates the past from the future.***
- 5. *The now as present is our memory of the past and our forecast of the future.***

- 6. *Á priori it is an incontestable code of all sciences that their aim is tripartite, namely a) to describe the present, b) to explain the past, c) to predict the future.***
- 7. *History is a human science which, from its root in the present, tries to explore what contemporary sources can tell us about events and actions that are bygone.***
- 8. *Physics is a natural science which, from observational facts, attempts to decode those natural laws that are decisive for the prediction of certain kinds of events.***
- 9. *The historian reasons backwards in time from effects to their credible causes.***
- 10. *The physicist reasons forwards in time from causes to their probable effects.***
- 11. *Time is prior to causality which is only definable in temporal terms.***
- 12. *Causality can never guarantee that there will be a future.***

- 13. *The cosmic isotropy of CMBR ensures the definability of a cosmic time.***
- 14. *Cosmic time is counted by atomic clocks which are at rest relative to CMBR.***
- 15. *The birth-ordering of quantum events founds an absolute, unobservable, time.***
- 16. *Space, or spacetime, do not exist; cosmic space has no metric, only a topology.***
- 17. *Gravity is only local, there are no forces between particles at rest in CMBR.***
- 18. *Gravity is due to the local retardation of clocks moving relative to CMBR.***
- 19. *Gravity is a logical result of the dissipation of stuff in the universe.***
- 20. *There is One Universe only, and One Cosmic Time.***

21. *The human brain is a quantum Carnot machine.*
22. *The infinite Universe is a quantum Carnot machine.*
23. *A deep analogy reigns between a soul and its universe.*
24. *The human soul is the universe as seen in a perspective.*
25. *A unique divine Spirit - GOD - takes care of the Universe.*

26. *God is actus purus, origin of the world, source of all truth.*
27. *Reality passes away, but the truth of our actions persists forever.*
28. *Time is the continuous creation of existence and thud also of truth.*
29. *The cosmological principle obliges us to treat conscious beings alike.*
30. *The penalty for our sins is our sins as judged sub luce aeternitatis.*

31. *What is now past is no more possible. What is now future is not yet real.*
32. *However, as possibilities are eradicated new truths are continuously created.*
33. *A logic, combining Kierkegaard's hint, that necessity is omnitemporal whereas possibility is future, with Prior's idea of non-statability, makes sense of time's flow.*
34. *This logic allows us to distinguish between logical, physical and ethical necessity.*
35. *By discriminating what was ordained of eternity from what is now unpreventable it eliminates the age-old conflict between divine omniscience and human freedom.*
36. *It admits God to know all that is knowable now and us to be his co-creators.*

37. Christianity teaches that the power of God discloses itself in the act of creation whereby something, namely, the universe, is called forth out of nothing and kept alive; further, that his wisdom is manifested in the creation of man as an imperfect imago dei with freedom of will, foreseeing the fall of man and our ensuing evil deeds; and finally, that his grace is demonstrated in his decision to save us by sending his son and spirit; all mankind is predestined for salvation, but may reject it due to a perverted will.

Q. Maybe God has created a world where future events are only predictable in general terms because he wished to convey freedom of will to man?

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Support for my Theses

- Ad Thesis 1:* cf. p.102, p.126, pp.139-140, p.189 & p.212
Ad Thesis 2: cf. p.95 below & pp.104-105
Ad Thesis 3: cf. p.95 above & p.139 above
Ad Thesis 4: cf. p.130, p.138, p.157, p.165, p.169f & 214
Ad Thesis 5: cf. p.88 below, p.93 above, p.95 middle & p.100 above
Ad Thesis 6: cf. pp.125-126 & p.139 below - NB: this is a basic postulate!
Ad Thesis 7: cf. ch.9 §4, p.136
Ad Thesis 8: cf. p.136
Ad Thesis 9: (historians often use natural laws inreasoning backwards)
Ad Thesis 10: (physicists may try to justify the BB by forwards reasoning)
Ad Thesis 11: cf. p.23, p.38, p.67 below, p.70 above, pp.142-143, p.185, 208f
Ad Thesis 12: cf. p.217 below
Ad Thesis 13: cf. p.4, cf. ch.10 §3 & p.149 note 14
Ad Thesis 14: cf. p.4 below, p.112, p.130, p.142, p.214
Ad Thesis 15: cf. p.194 below, p.223 below
Ad Thesis 16: cf. p.16, p.69 above, p.130, p.230 below
Ad Thesis 17: cf. pp.203-204
Ad Thesis 18: cf. ch.16 §§ 2&4
Ad Thesis 19: cf. pp.292-296
Ad Thesis 20: cf. p.34 (Tim.36a), p.70 below. p.139 & ch.16
Ad Thesis 21: cf. ch.14 §1
Ad Thesis 22: cf. ch.14 §1
Ad Thesis 23: cf. ch.14 §1
Ad Thesis 24: cf. p.69 below & ch.16 §§ 4&6 (world-view, light-cone, observable)
Ad Thesis 25: cf. chs.1,3,4, ch.16 §§ 4,6 (world-map, instantaneous, unobservable)
Ad Thesis 26: cf. p.42, above, p.197 above (Thomas), p.26 above (Leibniz), p.19 xiv
Ad Thesis 27: cf. p.49f, p.107 & p.206 below
Ad Thesis 28: cf. p.131, p.135, p.164 above, p.231 below, pp.232-233 & pp.235-236
Ad Thesis 29: cf. p.145 middle
Ad Thesis 30: cf. p.49ff. & p.206 below
Ad Thesis 31: cf. p.95, p.138 below & p.139 above
Ad Thesis 32: cf. p.153 Prior (PTT 77)
Ad Thesis 33: cf. ch.9 §3, p.138, p.169ff. & pp.272-275
Ad Thesis 34: cf. p.17: a), b) c), p.65 below, p.71 below to p.72 above & p.97 above
Ad Thesis 35: cf. p.96 middle ff.
Ad Thesis 36: cf. p.168 above & p.173 below
Ad Thesis 37: cf. p.12 - NB: this is a statement of creed!
Ad Q: cf. p.168 below

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For biographical references, cf. e.g.
Non-Standard Relativity, pp.11&127.

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