

Illusion of Space, Time and Particle

Space&Time Illusion:

- 1/ Introduction to the Maths + the ideas behind them (Kevin)
- 2/ Special Relativity (Kevin)
- 3/ General Relativity (Trung)

Particle Illusion:

- 1/ Quantum Mechanics (Kevin)
- 2/ Quantum Field Theory + Curved Space-time (Trung)
- 3/ The meaning of a particle through different theory <21 theories> (Trung)

A quick guide for Theoretical Physics

- 0/ Classical Theory (Kevin)
- 1/ Special Relativity (Kevin)
- 2/ General Relativity (Trung)
- 3/ Quantum Mechanics (Kevin)
- 4/ M(atrrix) Quantum Theory (Trung)
- 5/ Quantum Field Theory (Trung)
- 6/ Quantum Electrodynamics (Trung)
- 7/ Quantum Chromodynamics & Flavordynamics (Trung)
- 8/ Standard Model (Trung)
- 9/ GUT (Trung)
- 10/ Quantum Gravity (Trung)
- 11/ Quantum Loop Gravity (Trung)
- 12/ Supergravity (Trung)
- 13/ Conformal Field Theory (Trung)
- 14/ String Theory (Trung)
- 15/ Superstring Theory (Trung)

16/ M-Theory (Trung)

17/ F-Theory (Trung)

18/ M(atrrix) Theory (Trung)

19/ String Field Theory (Trung)

20/ General non-perturbative String Theory (Trung)

21/ Unparticle Physics Theory (Trung)

Example of Theoretical Physics problem: Illusion of mass

(Kevin + Trung)