

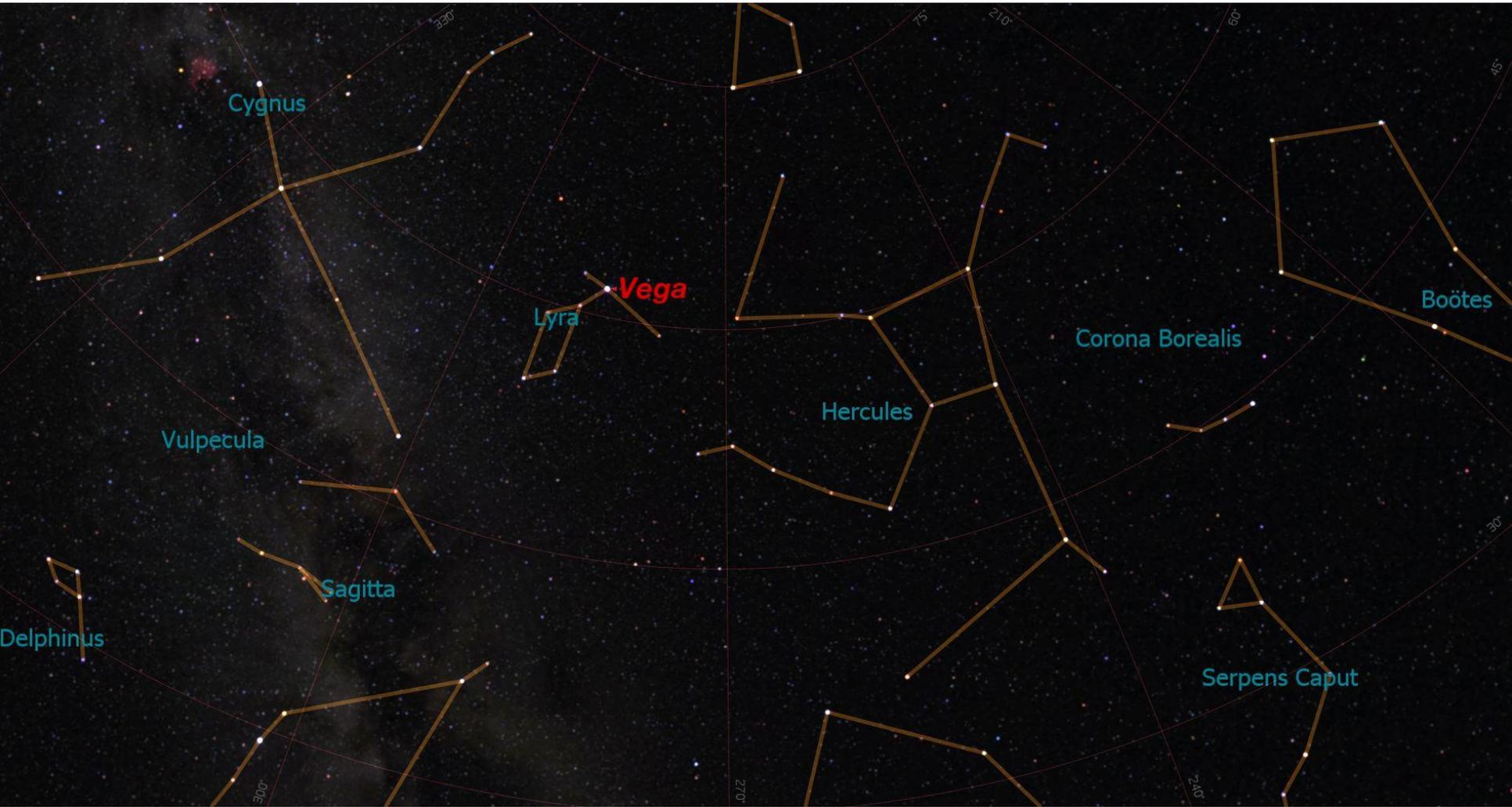
Cosmos: A Personal Voyage

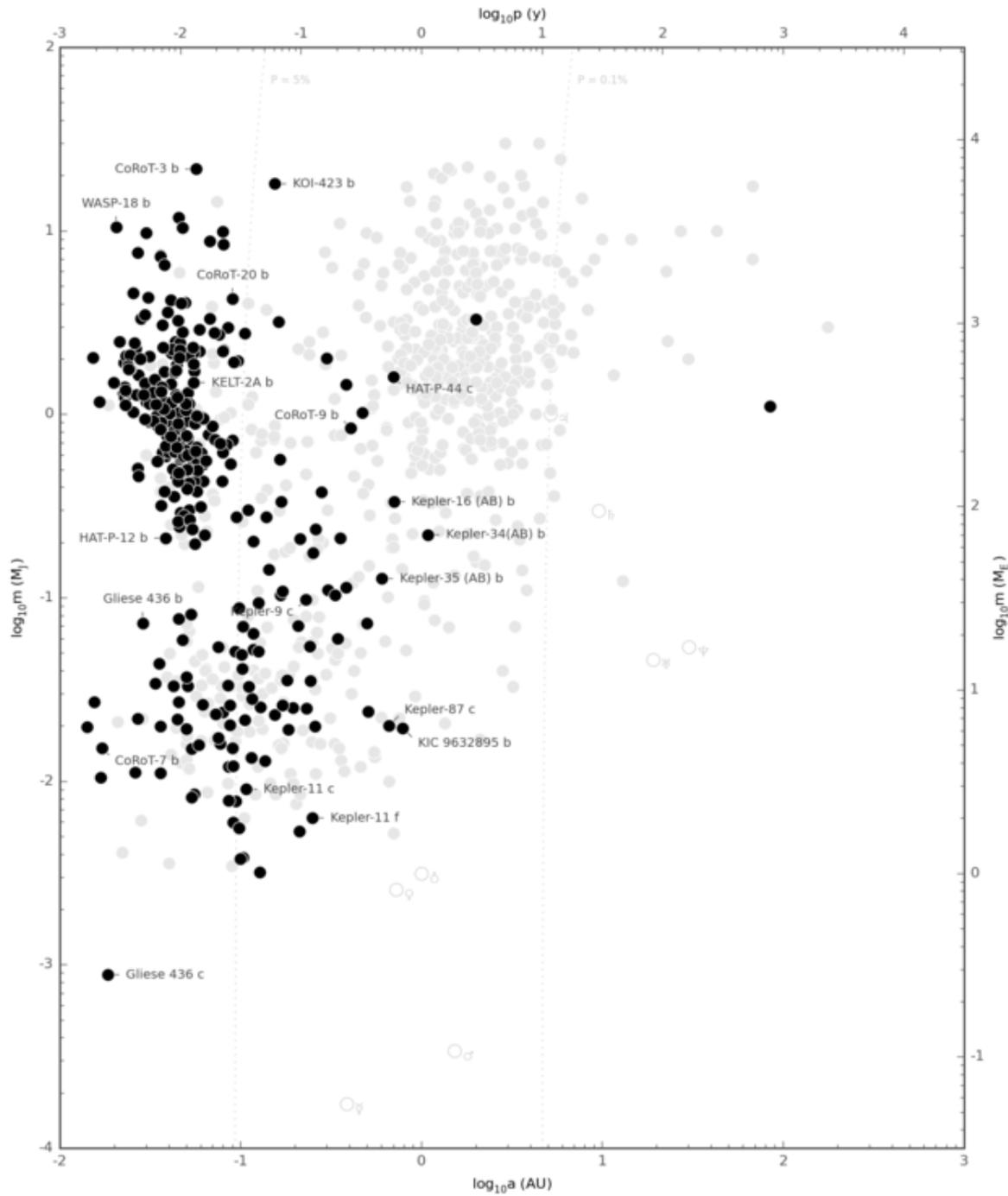


이명현

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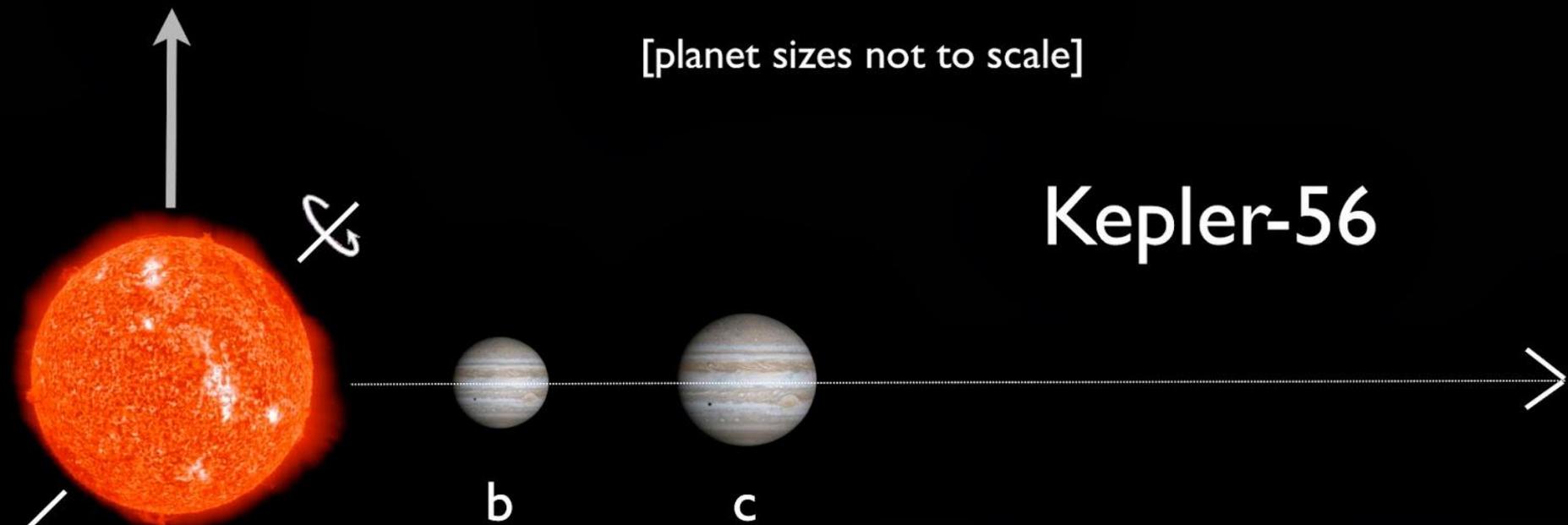
easy2537.blog.me





[planet sizes not to scale]

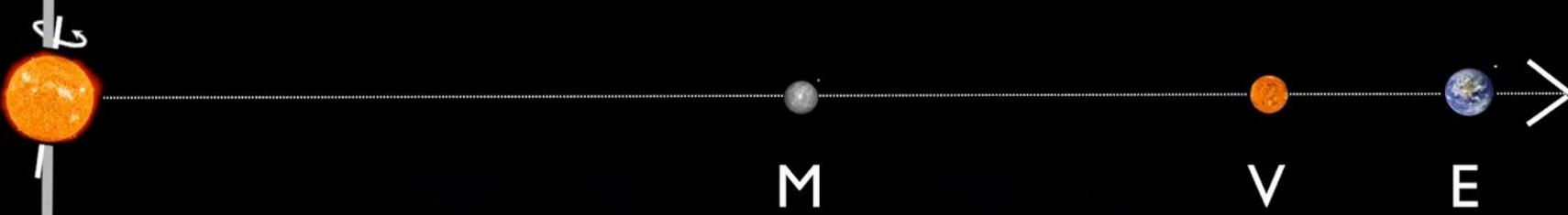
Kepler-56



b

c

Solar System



M

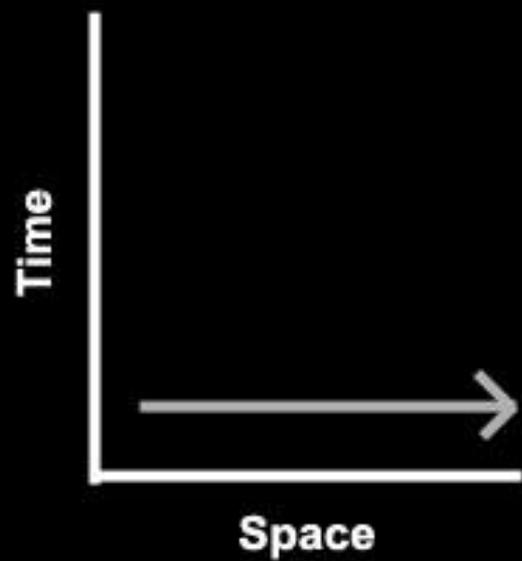
V

E

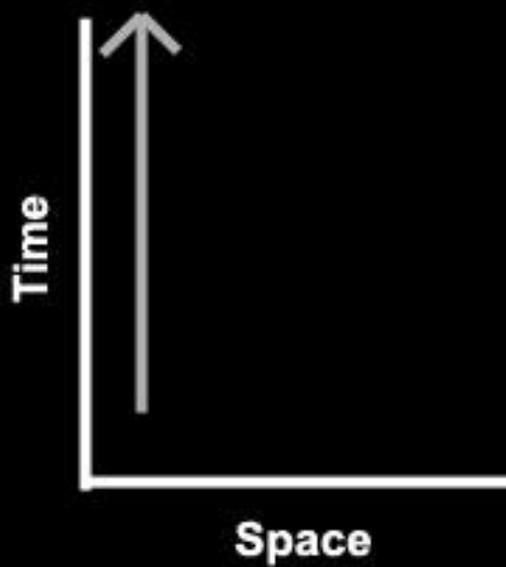
Distance from Star

시간과 공간 vs 시공간

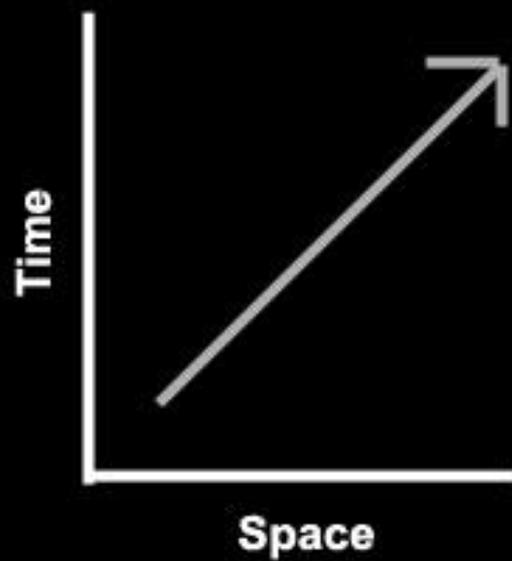
Movement in Space



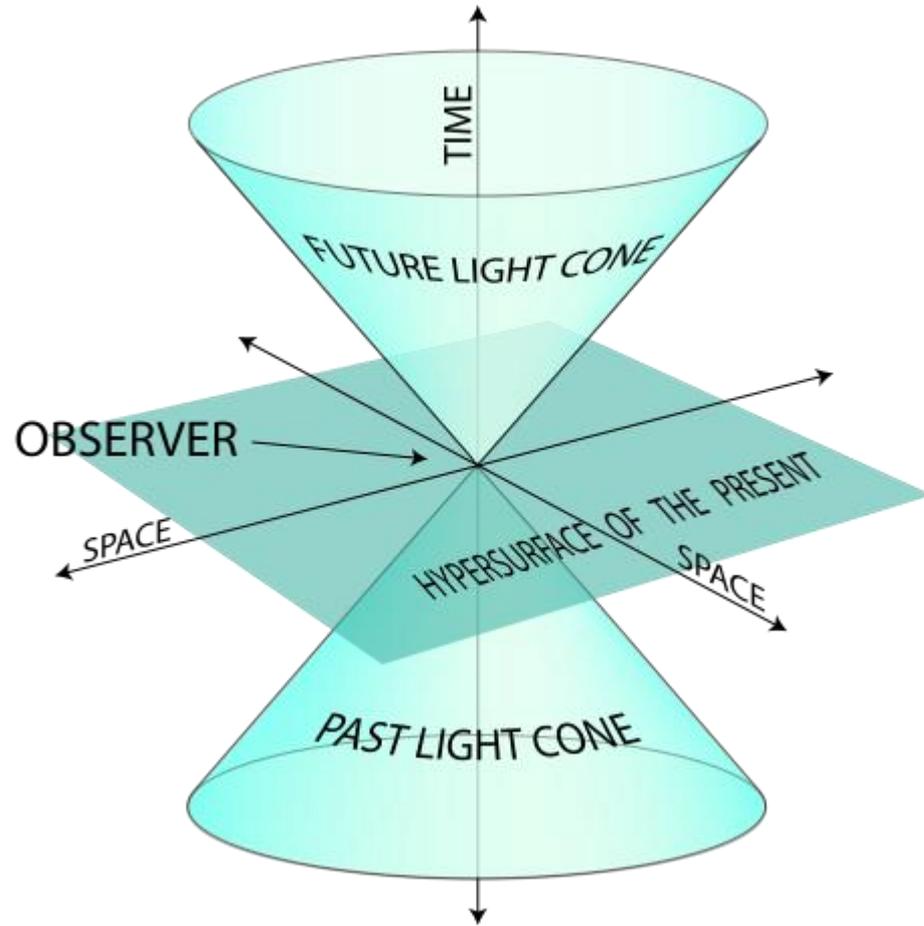
Movement in Time

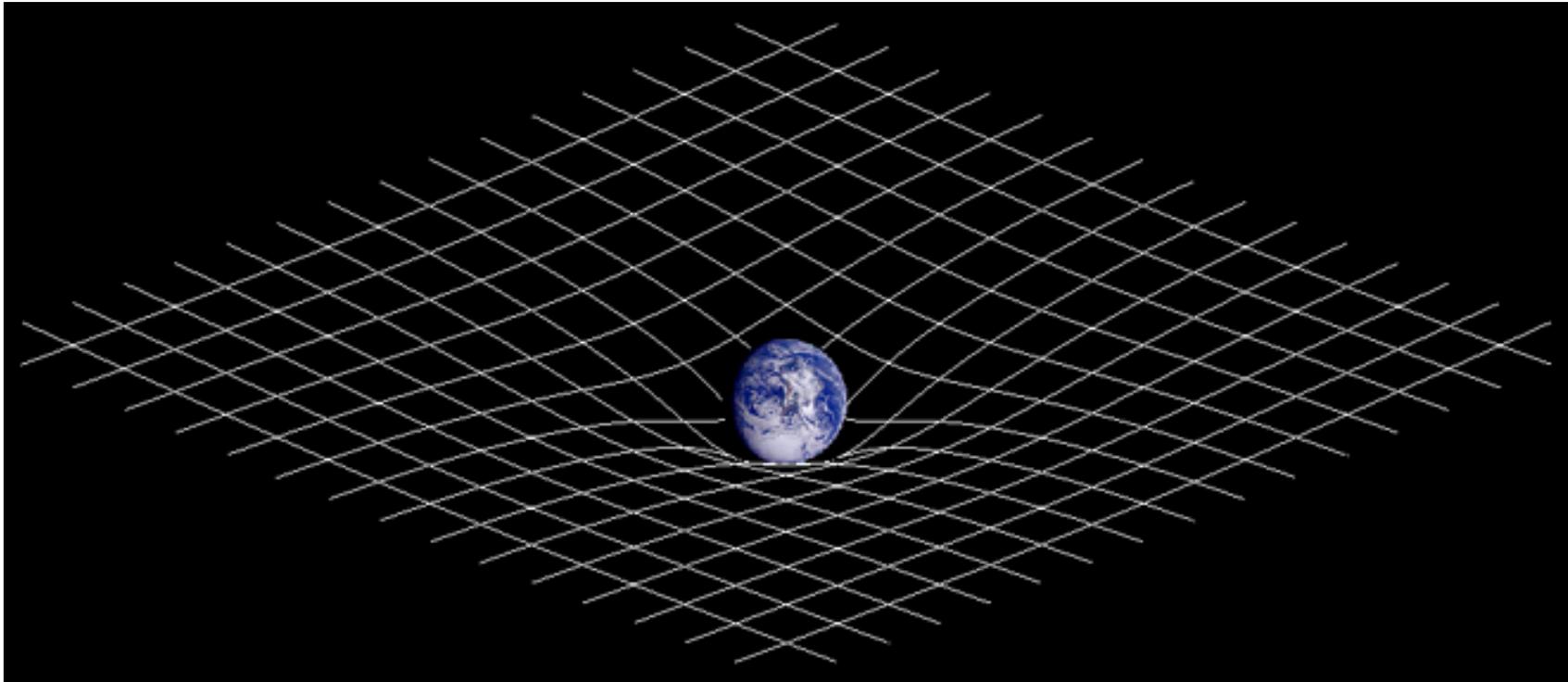


Movement in Spacetime



특수상대성이론
일반상대성이론





The factor most ignored in discussing interstellar flight is the kinetic energy that must be invested in the ship to make its tons of matter move at a substantial fraction of the speed of light.

(Barney Oliver)

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