

Figure 1: A THEOREM of Special Relativity (SR) (easily proved in first-order logic version of SR).

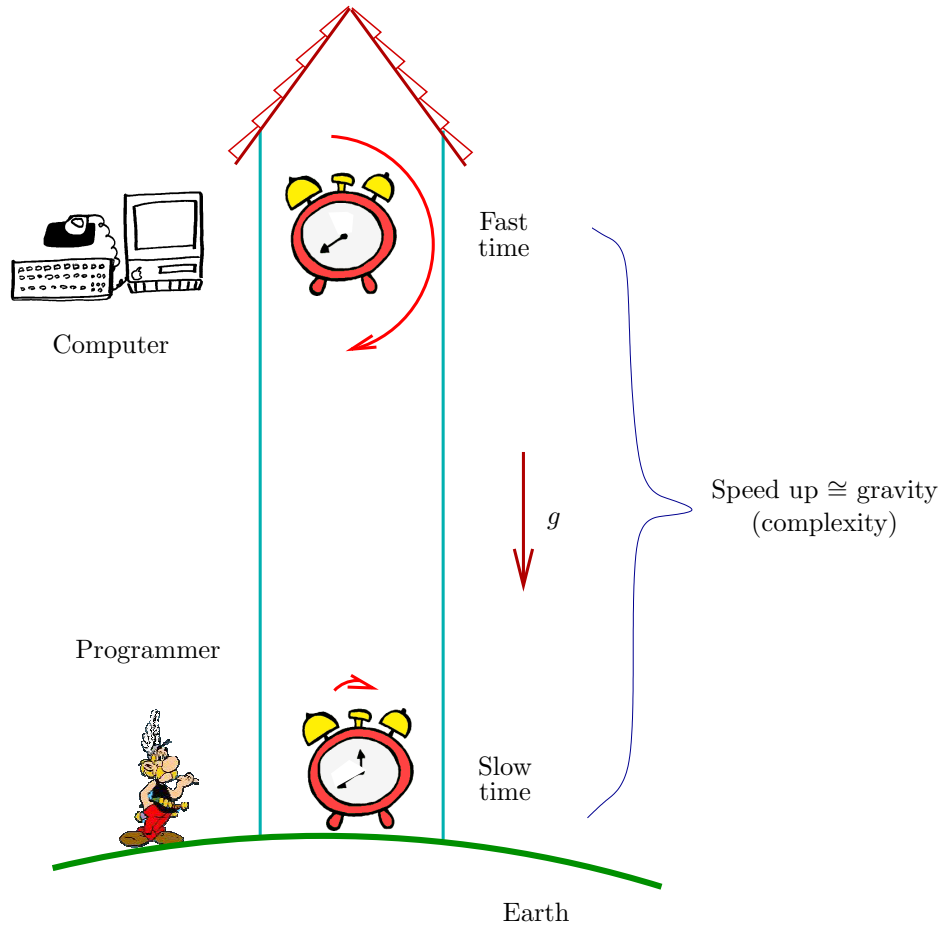


Figure 2: TIME WARP (Tower Paradox, effects of gravity on time). Clocks higher in a gravitational well tick faster.

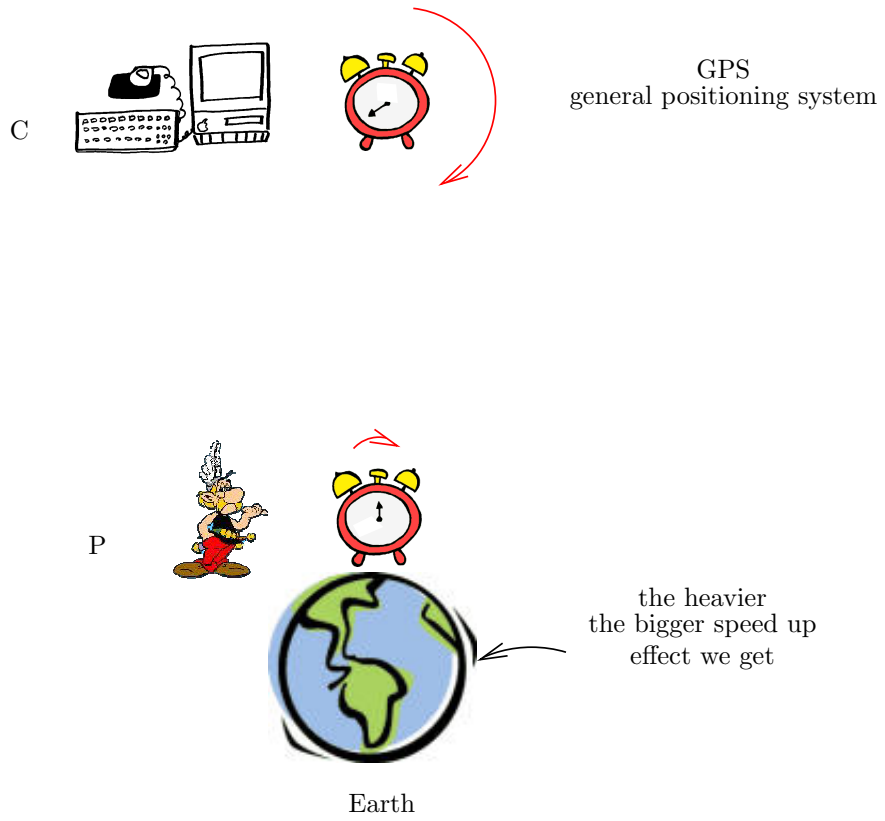


Figure 3: Thought experiment for fast computation: The programmer “throws” his slave-computer to a high orbit. Communicates via radio.

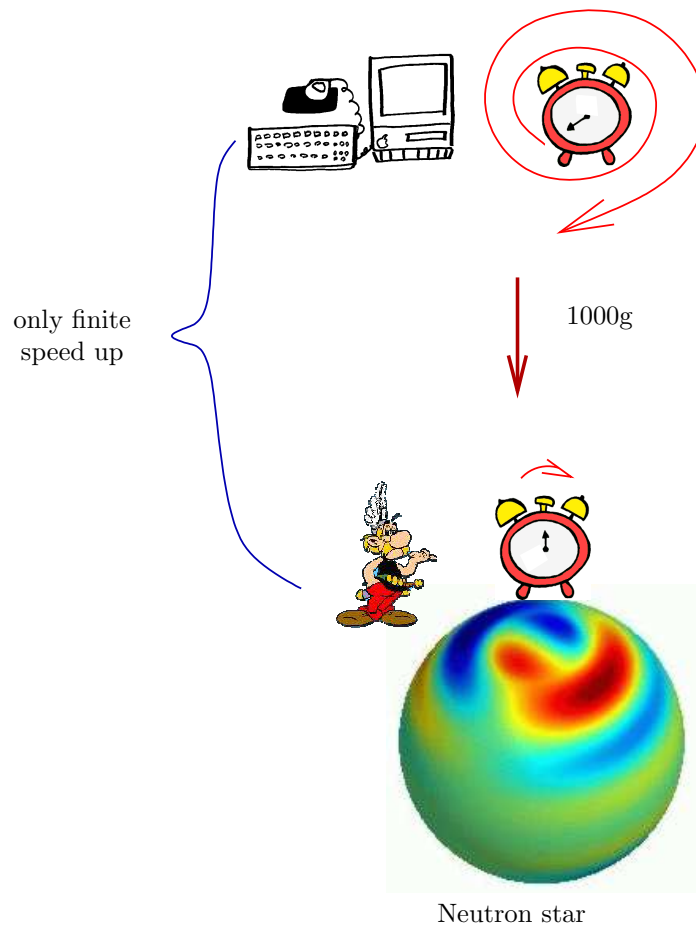


Figure 4: The speed-up effect can be increased by using a neutron star in place of the Earth, but it still remains finite.

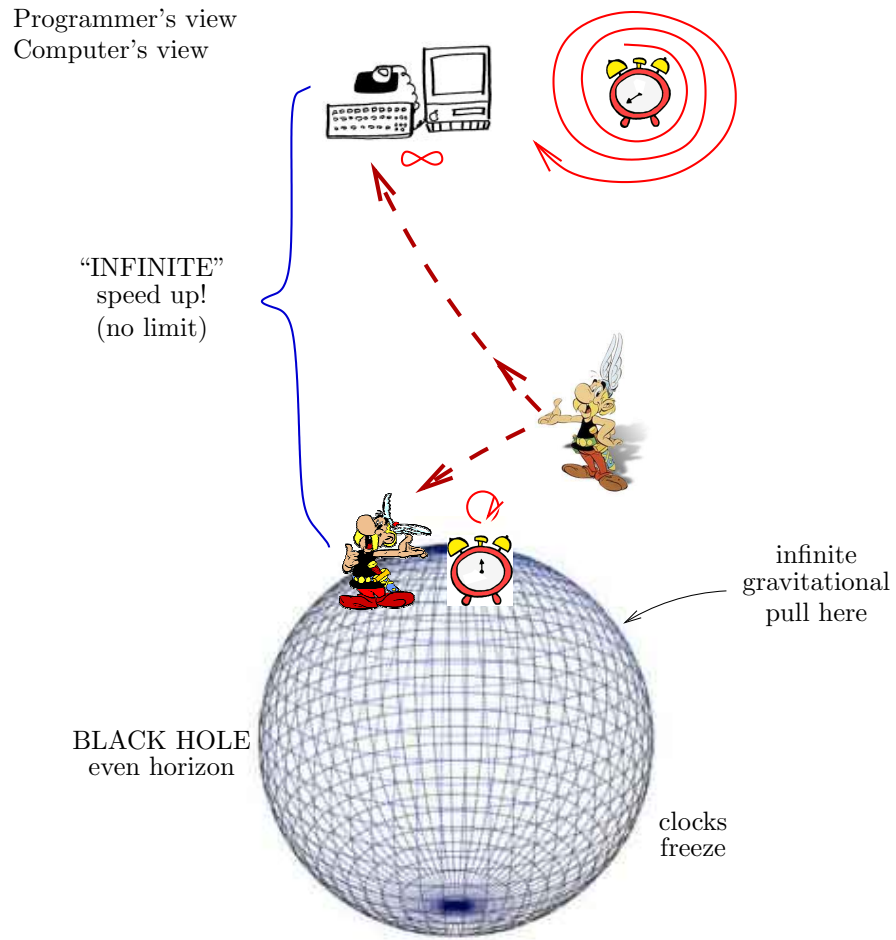


Figure 5: The speed-up effect can be made "infinite" by using a black hole.

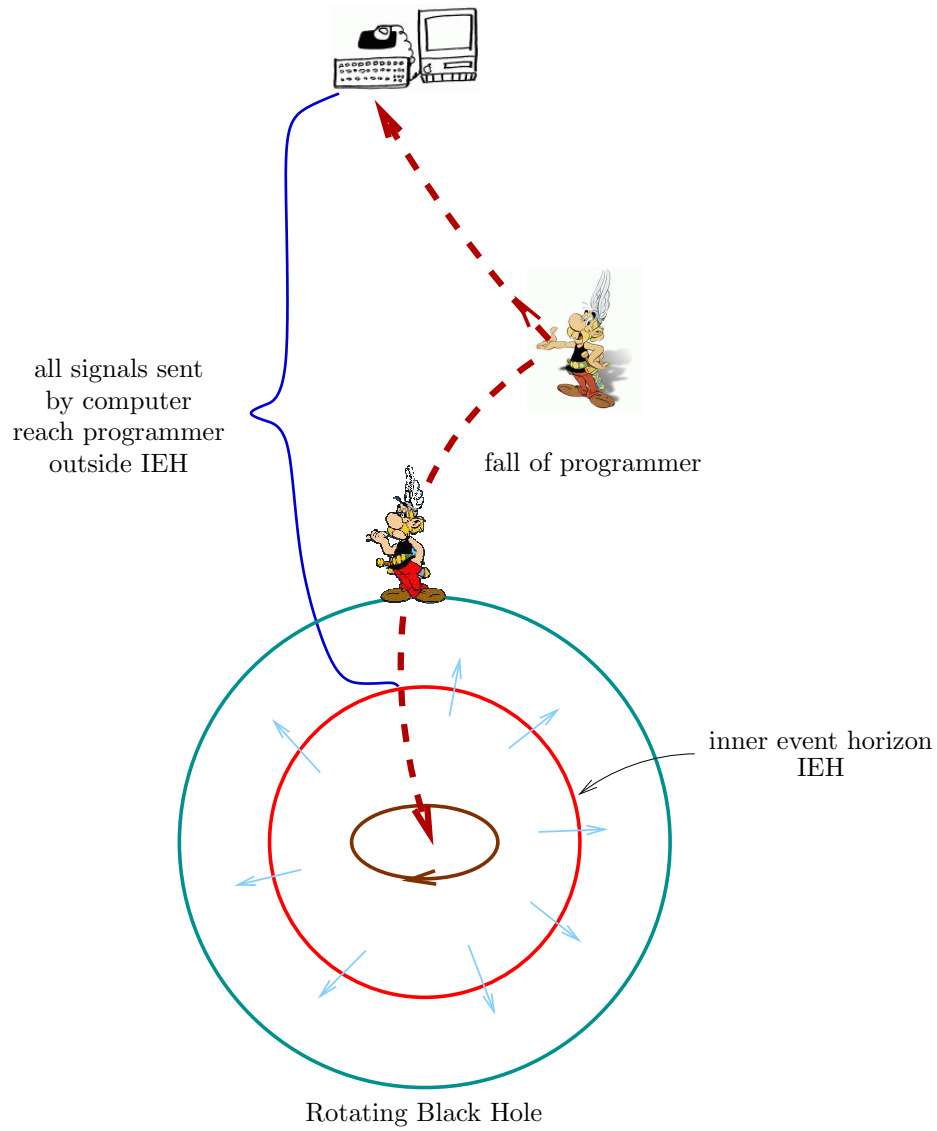


Figure 6: Rotating Black Hole has two event horizons. Programmer can survive forever. (Ring singularity can be avoided.)