The Paradox of Special vs. General Theory of Relativity

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Two clocks $C_1$ and $C_2$ are synchronized on the earth. Then clock $C_2$ is flying with a uniform speed at an altitude $h > 0$ above the earth.

1. According to the Special Theory of Relativity there is symmetry of time dilation between $C_1$ and $C_2$.

2. But, according to the General Theory of Relativity, there is an asymmetry of time between $C_1$ and $C_2$, since the clock $C_1$ is running slower down in the gravitational field than the clock $C_2$ which is running faster at a higher altitude.

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