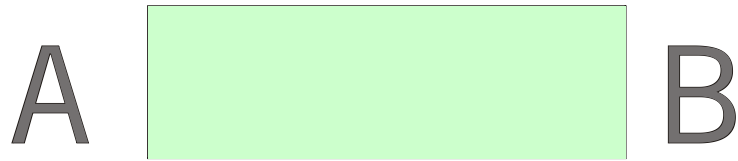
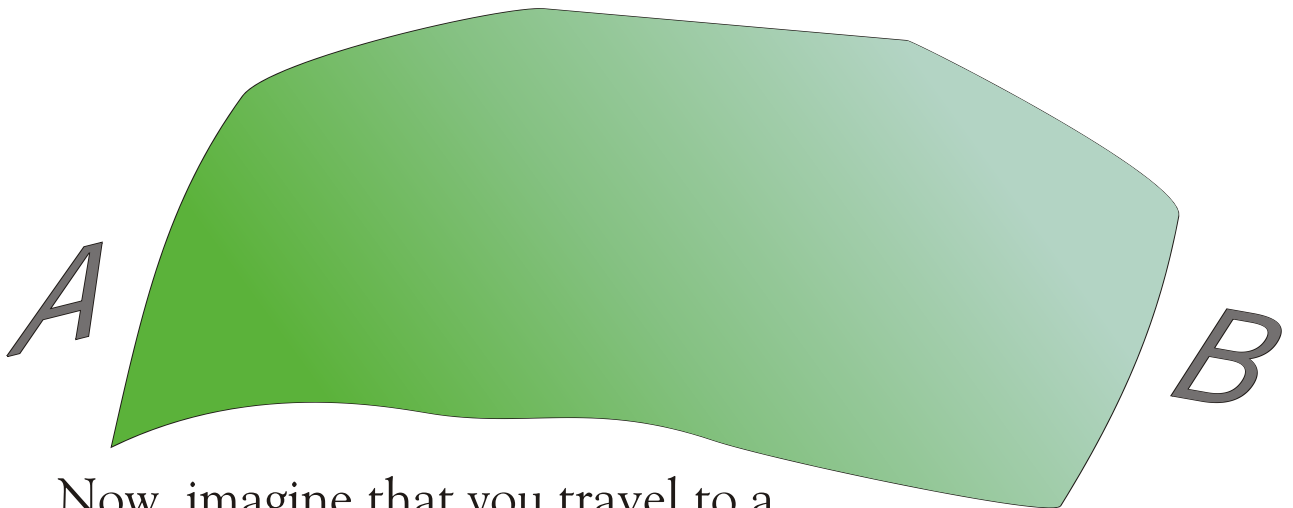


This "TIME", Stretching the Truth



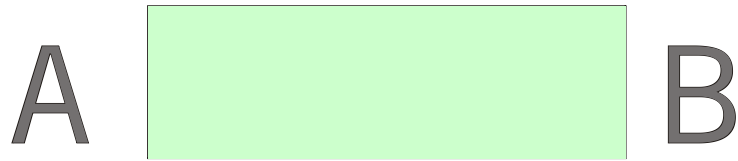
Imagine real-time as represented by this strip. The time from event A to B here on earth could be defined as one second, in normal time. A to B is the distance light travels in one second here on earth.



Now, imagine that you travel to a region with a 90% red shift seen from earth. You wanted to see how light there would behave in a more intense gravitationally curved space-time. You would see your local time there as taking one second to travel the same distance A to B, but back here on earth, we would see you slowed-down by a factor of ten times.

To any outside observer, your time would be slowed-down as compared to here on earth. BOTH observers would be correct. The C-R theory says, either the real distance you travelled increased, or your effective speed-of-light decreased by 90%.

This "TIME", Stretching the Truth 2



The real test here will be, what does each one see? If the universe is actually expanding, then both of the observers will see themselves as "normal" and they will see the other one slowed-down. This slow down would be from the rapid mutual expansion, receding at very high speeds . If, on the other hand, the 90% red-shift resident sees the earthlings, and everything in their vicinity, as blue-shifted, then the shift IS NOT due to the expansion.

Hint: Looking at our existing universe gives us a good clue. We on earth see BOTH a blue-shifted region, and everywhere else, we see greater red-shifts with distance. Only if everything, everywhere else appeared SLOWED DOWN, then in that case, our universe might be trying to tell us that "It is expanding." That is clearly NOT the case.

If we are patient, our travelling observer can return to earth after his trip to a 90% red-shifted quasar, and tell us what he saw way out there. If he saw earth as blue-shifted by a factor of ten, the case will be concluded in the C-R theory's favor.

If he saw earth as equally slowed-down in the same amount of red-shift as we saw him, then the C-R theory is WRONG, but it can still be laughed-at.