Tree-clock problem is spacetime

Event 1: $c_1$ and $c'_1$ are at the origin $x_1 = x'_1 = 0$ $t_1 = t'_1 = 0$

Event 2: $c_2$ and $c'_1$ are at the same point $x_2 = 0$

How long does it takes to get there?

Time $t_2$ according to Alice

Time $t'_{1A}$ according to Bob

What time do the clocks $c_1$ show at the same time according to Bob?

$t'_{1A} < t_2$

How much time does clock $c_2$ show according to Bob, when he is at the origin?

Time $t_{2A} > 0$

Due to confusing thing (well, it confused me when I started), I was short how the length of the line b/w two points does not represent the length in space-time, since

$$\Delta S^2 = (ct)^2 - x^2$$