In coordinate two t₁-to' particle moves x₁'-x₀' so velocity stationary observer is x₂'-x₀' \( \frac{Vx}{V'} \). Time (measured in units of distance) \( c(t₁ - t₀) \) at time to. 2 units of particle proper time. \( \frac{c(t₁ - t₀) + x₁ - x₀}{2} \) at time to. \( (ct₁, x₁) \) proper time \( (ct₀, x₀) \).