

Strong-field Gravitational Waves

Section 10.4

Section 10.4: Strong-field GWs

Given the Hubble time estimate of $\sim 10^{10}$ years, the time of the Big Bang, and the time of the formation of the first stars, the time of the formation of the first galaxies is estimated to be $\sim 10^8$ years.

Question: What is the time scale for the formation of the first galaxies?

- (a) $\sim 10^8$ years (the time scale for the formation of the first galaxies)

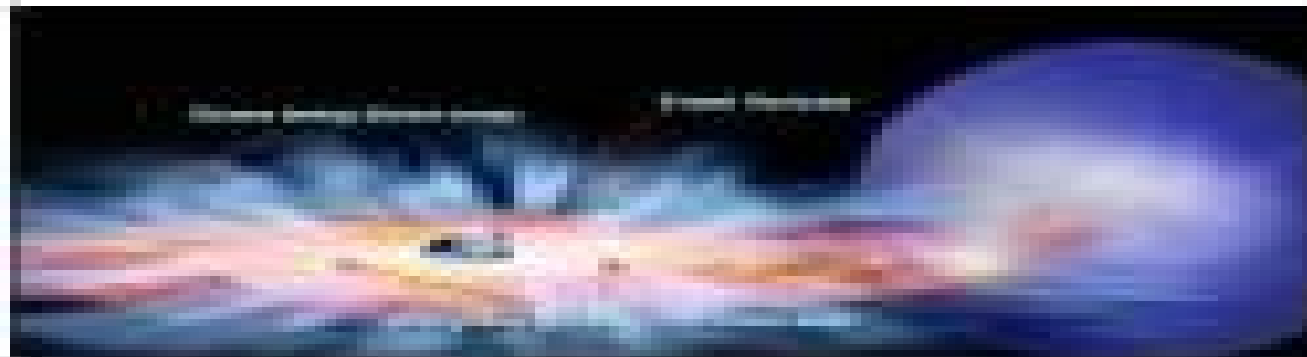
Answer: (a) $\sim 10^8$ years

- (b) $\sim 10^9$ years (the time scale for the formation of the first galaxies)

Question: What is the time scale for the formation of the first galaxies?

Answer: (a) $\sim 10^8$ years (the time scale for the formation of the first galaxies)

- (b) $\sim 10^9$ years (the time scale for the formation of the first galaxies)



- (c) $\sim 10^7$ years (the time scale for the formation of the first galaxies)

Starry Night Computer Exercises Answer Guide

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