

Early Universe: The first three minutes

Review questions

1. Weinberg makes predictions and interpretations based on the standard model of cosmology. How have these ideas held up with modern developments in physics and cosmology?
2. The book was published in 1977. What aspects of its explanation of the early universe remain relevant today, and which ones have been refined or revised?
3. Weinberg discusses the limitations of our knowledge about the early universe. What are some of these limitations, and have they been addressed by later scientific advancements?
4. What did you find most surprising or fascinating about the book? Did it change your perspective on cosmology or the nature of scientific inquiry?
5. If you could ask Weinberg one question about his book or cosmology in general, what would it be and why?
6. Do you think Weinberg's description of the universe's early moments makes it easier or harder to grasp the vastness and complexity of cosmology?