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*The 4 Percent Universe: Dark Matter, Dark Energy, and the ...*

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The 'four percent' in the title of this book refers to the apparently true but bizarre fact that only 4% of the universe seems to be ordinary stuff – from planets to stars – with twenty-odd percent of the remainder dark matter and the rest dark energy, the unknown phenomenon that is forcing the

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expansion of the universe to accelerate.

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*The 4 Percent Universe: Dark Matter,*  
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Since Einstein proved that energy and mass are equivalent, this "dark energy" makes up three-quarters of the universe. Dark energy added to



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completely unknown. Richard Panek tells the dramatic story of how scientists reached this cosmos-shattering conclusion.

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*The 4% Universe : Dark Matter, Dark  
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This is an interesting look at modern cosmology, and the perplexing fact that scientists can only account for about 4% of the universe's matter. Another 21% or so is "dark matter", so

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far rather poorly understood, and fully 75% is "dark energy", that strange characteristic of the universe that is causing it to expand at an accelerating rate.

*The 4% Universe: Dark Matter, Dark Energy, and the Race to ...*

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Dark energy, however, is a substance or force responsible for the accelerating expansion of the universe over time. [1] The significant focus of The 4 Percent Universe is on the developments of astronomical science in the 20th century, including the formation of the expanding universe



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theory by Edwin Hubble in the 1930s.

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