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Amazing Infinities

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From the immeasurable cosmos to the minuscule particle, take a deep dive into the matter that lies between these two inextricably linked infinities.

To better understand the infinitely large and the history of the universe, we must turn toward the infinitely small: quarks, leptons, and bosons. By studying these, we seek to solve the mystery of how matter is organized at the smallest scale. Without the infinitely tiny, we can describe neither the Big Bang nor the behavior of large stellar structures, much less the birth of matter. And without both of these infinities together, we cannot develop theoretical models to explain dark matter, dark energy, or a theory of quantum gravity.

In thirty short, plentifully illustrated chapters, this work sums up what we know so far as well as the answers we're still after.

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