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Today's researchers astray in three of the field's most important areas—string theory, quantum mechanics, and cosmology. Arguing that string theory has veered away from physical reality by positing six extra hidden dimensions, Penrose cautions that the fashionable nature of a theory can

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cloud our judgment of its plausibility. In the case of quantum mechanics, its stunning success in explaining the atomic universe has led to an uncritical faith that it must also apply to reasonably massive objects, and Penrose responds by suggesting possible changes in quantum theory.

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Turning to cosmology, he argues that most of the current fantastical ideas about the origins of the universe cannot be true, but that an even wilder reality may lie behind them. Finally, Penrose describes how fashion, faith, and fantasy have ironically also shaped his own work, from twistor

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theory, a possible alternative to string theory that is beginning to acquire a fashionable status, to "conformal cyclic cosmology," an idea so fantastic that it could be called "conformal crazy cosmology." The result is an important critique of some of the most significant developments in physics today from

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Unable to deliver the prosperity of years past, railed haplessly against currency speculators, oil sheikhs, and other forces they could not control. From Sweden to Southern California, citizens grew suspicious of their newly ineffective governments and rebelled against the high taxes needed to

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support social welfare programs enacted when coffers were flush. Almost everywhere, the pendulum swung to the right, bringing politicians like Margaret Thatcher and Ronald Reagan to power. But their promise that deregulation, privatization, lower tax rates, and smaller government

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as they struggle to live in a time of extraordinary change. On an ordinary Saturday in a California suburb, Julia awakes to discover that something has happened to the rotation of the earth. The days and nights are growing longer and longer; gravity is affected; the birds, the tides, human behavior,

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