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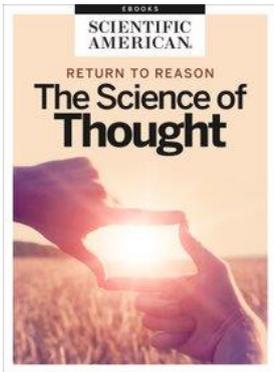
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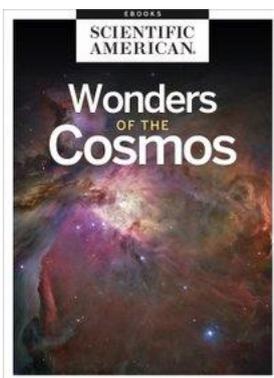
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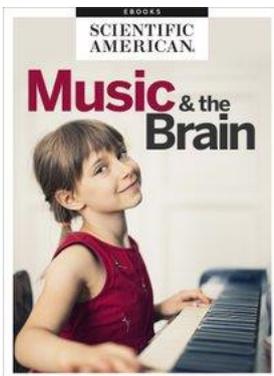
Return to Reason: The Science of Thought

Why do facts fail to change people’s minds? In this eBook, we examine how we form our beliefs and maintain them with a host of cognitive biases, the difference between intelligence and thinking rationally and some solutions for how to overcome these obstacles both in reasoning with others and in dealing with our own prejudices.



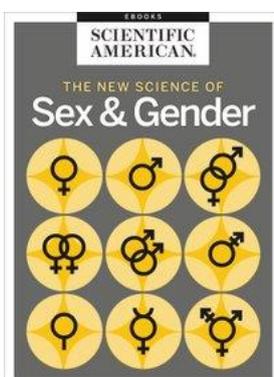
Wonders of the Cosmos

In this eBook, we present the most riveting discoveries and mind-bending ideas about our cosmic home, from what we know of the origins of the universe and the cartography of space to the most bizarre phenomena and the search for life. Discussions include the possibility that the big bang was the consequence of a black hole in a fourth spatial dimension, that cosmic ripples created infinite universes, that entangled black holes could act as wormhole-like passageways through space and much more.



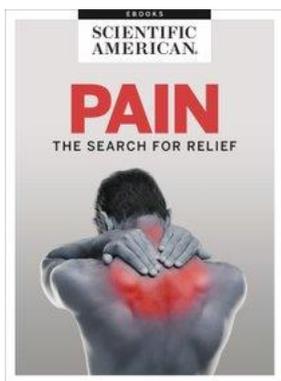
Music and the Brain

Music’s strange power over our emotions and memories has a deep history dating more than 30,000 years ago when early humans were playing instruments made of bone – and we’re still trying to explain its sway over us. Darwin called man’s inclination for music “among the most mysterious with which he is endowed.” In recent years, neuroscientists have shown that music recruits nearly every area of the brain, fostering connections across brain regions. In this eBook, we examine the latest imaging studies and discuss the effects of music on emotion, cognition, and motor function.



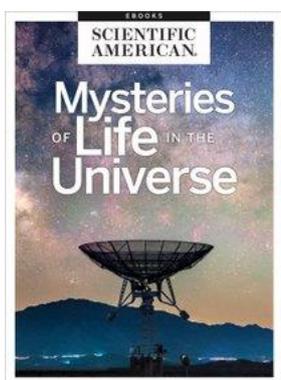
The New Science of Sex and Gender

In this eBook, *The New Science of Sex and Gender*, we look at vital research challenging long-standing assumptions, such as how growing knowledge of the genetic complexities of sexual determination is (slowly) changing the way the medical community treats intersex individuals and work that indicates the brain is a “mosaic” of traits rather than a “male” and “female” brain. With this collection, we not only examine the latest studies in biology, medicine and psychology but also, more importantly, their bearing on healthcare, identity and access.



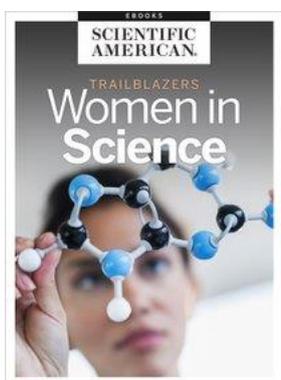
Pain: The Search for Relief

Burning. Shooting. Stabbing. Sometimes the cause is unknown. Sometimes it begins as the result of an injury. Whatever form it takes, chronic pain often resists treatment. In this eBook, we examine the latest advances in understanding the pathology of chronic pain and the efforts to find better, non-opioid treatment options including electrical stimulation of nerves, venom from spiders and other creatures and psychological interventions including virtual-reality therapy and acupuncture.



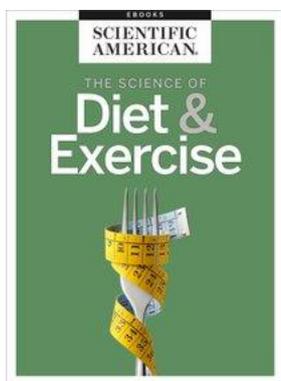
Mysteries of Life in the Universe

How did life begin on Earth? Does it exist elsewhere? What would those life forms be like? These fundamental questions about the nature of life and our own cosmic significance are endlessly fascinating. In this eBook, we present several theories on the origin of life, some of its extreme and surprising forms and the ongoing search for signs – or sentience – on distant worlds.



Trailblazers: Women in Science

Sally Ride, the first American woman to go to space, once said that she didn't set out to be a role model, but after her first flight, she realized that she was one. Like her, the 12 women scientists in this collection became unintentional heroes through perseverance and hard work, making great discoveries in all areas of science. From Vera Rubin's examination of the internal dynamics of galaxies to Nobel Prize winner May-Britt Moser's study of the brain's GPS-like navigating system, read up on the achievements of women who became role models for us all



The Science of Diet & Exercise

For decades, experts reduced weight loss to simple math: burn more calories than you consume, without too much regard for what you consumed. Another old maxim presupposes that people who are more physically active burn more calories than less active people. Both tenets sound inescapably logical, but evidence is starting to refute such conventional wisdom on weight loss. The eight articles in this collection present the most recent research examining the details of the metabolic process and testing new approaches.

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