

# Life on the Edge: The Coming of Age of Quantum Biology

Filesize: 6.68 MB

## Reviews

This ebook is wonderful. It typically does not expense too much. You wont really feel monotony at at any time of your own time (that's what catalogs are for relating to should you request me). (Milan Turner)

DISCLAIMER | DMCA

#### LIFE ON THE EDGE: THE COMING OF AGE OF QUANTUM BIOLOGY



Transworld Publishers Ltd, United Kingdom, 2014. Paperback. Book Condition: New. 238 x 154 mm. Language: English . Brand New Book. Life is the most extraordinary phenomenon in the known universe; but how does it work? Even in this age of cloning and synthetic biology, the remarkable truth remains: nobody has ever made anything living entirely out of dead material. Life remains the only way to make life. Are we missing a vital ingredient in its creation? Like Richard Dawkins The Selfish Gene, which provided a new perspective on how evolution works, Life on the Edge alters our understanding of life s dynamics. Bringing together first-hand experience of science at the cutting edge with unparalleled gifts of exposition and explanation, Jim Al-Khalili and Johnjoe Macfadden reveal the hitherto missing ingredient to be quantum mechanics and the strange phenomena that lie at the heart of this most mysterious of sciences. Drawing on recent ground-breaking experiments around the world, they show how photosynthesis relies on subatomic particles existing in many places at once, while inside enzymes, those workhorses of life that make every molecule within our cells, particles vanish from one point in space and instantly materialize in another. Each chapter in Life on the Edge opens with an engaging example that illustrates one of life s puzzles - How do migrating birds know where to go? How do we really smell the scent of a rose? How do our genes manage to copy themselves with such precision? and then reveals how quantum mechanics delivers its answer. Guiding the reader through the maze of rapidly unfolding discovery, Al-Khalili and McFadden communicate vividly the excitement of this explosive new field of quantum biology, with its potentially revolutionary applications, and also offer insights into the biggest puzzle of all: what is life? As they brilliantly...

Read Life on the Edge: The Coming of Age of Quantum Biology Online
Download PDF Life on the Edge: The Coming of Age of Quantum Biology

### You May Also Like

	-
	۰.

The Red Leather Diary: Reclaiming a Life Through the Pages of a Lost Journal (P.S.)

Harper Perennial. PAPERBACK. Book Condition: New. 0061256781 Never Read-12+ year old Paperback book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-... Read Document »

My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English . Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts... Read Document »

	$\$
_	-
_	

# Reflections From the Powder Room on the Love Dare: A Topical Discussion by Women from Different Walks of Life

Destiny Image. Book Condition: New. 0768430593 BRAND NEW!! MULTIPLE COPIES AVAILABLE. NEW CONDITION!! 100% MONEY BACK GUARANTEE!! BUY WITH CONFIDENCE! WE SHIP DAILY!!EXPEDITED SHIPPING AVAILABLE. What's more fun than reading a book? Discussing it with...

Read Document »

1	-	

#### My Life as a Third Grade Zombie: Plus Free Online Access (Hardback)

Gallopade International, United States, 2013. Hardback. Book Condition: New. 224 x 142 mm. Language: English . Brand New Book. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh... Read Document »

-	_

#### The Cap: The Price of a Life

Grove Pr. Hardcover. Book Condition: New. 0802116590 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-... Read Document »