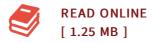




What is Life?: How Chemistry Becomes Biology (Paperback)

By Addy Pross

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Reprint. 195 x 129 mm. Language: English . Brand New Book. Seventy years ago, Erwin Schrodinger posed a profound question: What is life, and how did it emerge from non-life? This problem has puzzled biologists and physical scientists ever since. Living things are hugely complex and have unique properties, such as selfmaintenance and apparently purposeful behaviour which we do not see in inert matter. So how does chemistry give rise to biology? What could have led the first replicating molecules up such a path? Now, developments in the emerging field of systems chemistry are unlocking the problem. Addy Pross shows how the different kind of stability that operates among replicating molecules results in a tendency for chemical systems to become more complex and acquire the properties of life. Strikingly, he demonstrates that Darwinian evolution is the biological expression of a deeper, well-defined chemical concept: the whole story from replicating molecules to complex life is one continuous process governed by an underlying physical principle. The gulf between biology and the physical sciences is finally becoming bridged. This new edition includes an Epilogue describing developments in the concepts of fundamental forms of...



Reviews

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-- Mariano Spinka

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Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities (Paperback)

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English. Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents and teachers with real solutions for a...



Odd, Weird Little (Paperback)

Egmont USA, United States, 2015. Paperback. Book Condition: New. Reprint. 190 x 132 mm. Language: English. Brand New Book. New in paperback! * At last: a humorous, useful and pedantry-free book about bullying! -- Kirkus Reviews (starred) Readers who love Louis...



The Magical Animal Adoption Agency Book 2: The Enchanted Egg (Paperback)

Hyperion, United States, 2016. Paperback. Book Condition: New. Alexandra Boiger (illustrator). 198 x 129 mm. Language: English . Brand New Book. There s a new resident at the Magical Animal Adoption Agency-but this one hasn t hatched yet! Mr. Jams brought home...



And You Know You Should Be Glad (Paperback)

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****. A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



Four on the Shore (Paperback)

Penguin Books Australia, Australia, 1994. Paperback. Book Condition: New. James Marshall (illustrator). Reprint. 229 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched their Easy-to-Read program. Favorite stories by such beloved authors...



Fox and His Friends (Paperback)

Penguin Books Australia, Australia, 1994. Paperback. Book Condition: New. James Marshall (illustrator). Reprint. 224 x 150 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched their Easy-to-Read program. Favorite stories by such beloved authors...