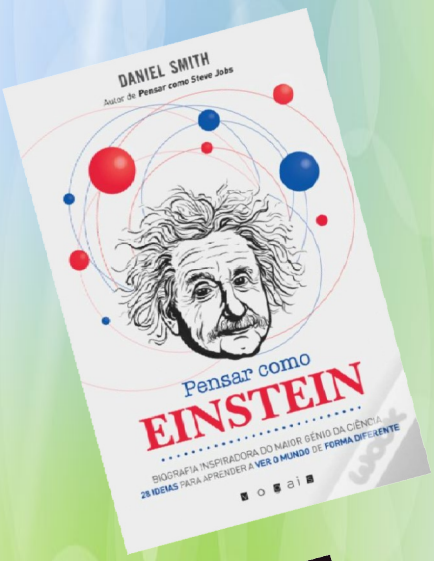
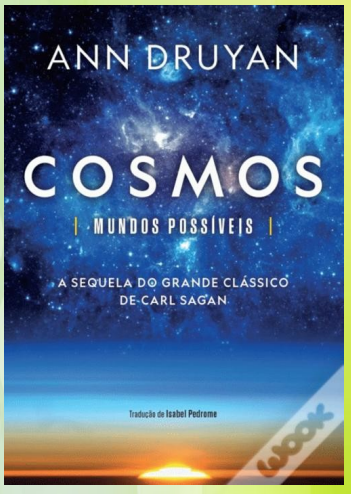
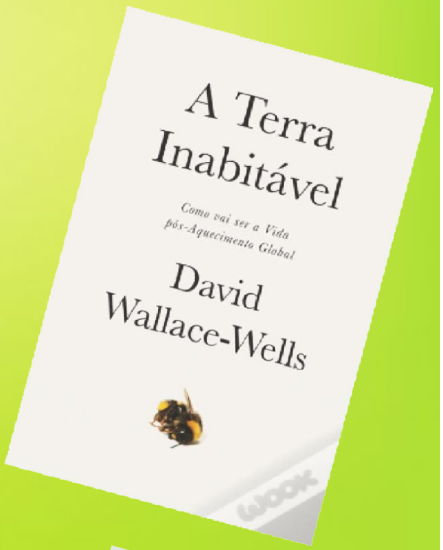
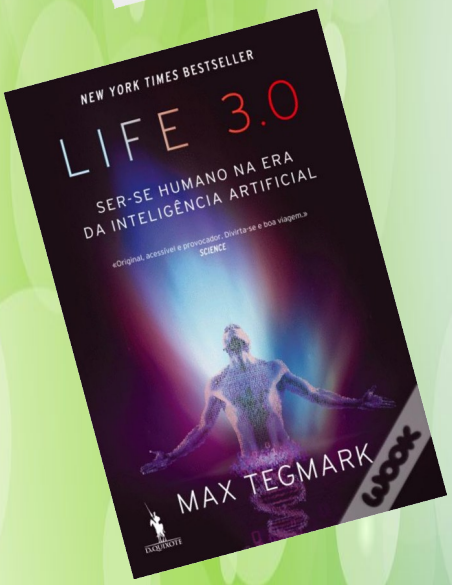
STEM and ENVIRONMENT

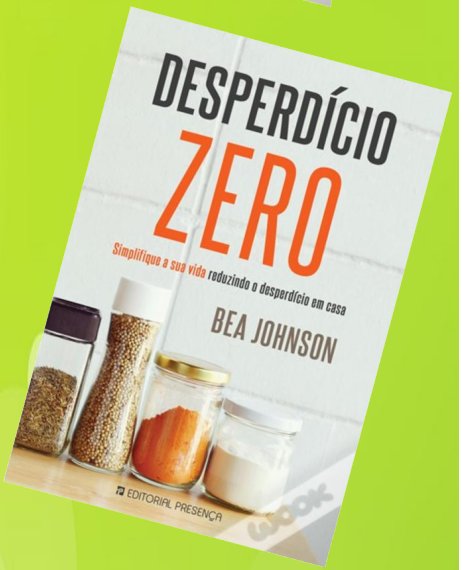
Africa Regional Services – ARS
BIP Collection 030











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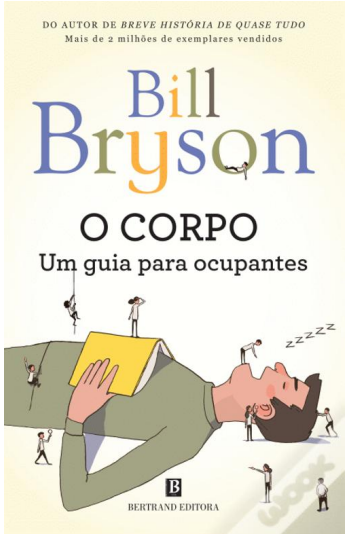
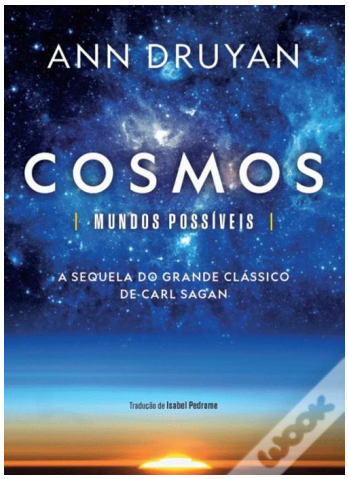


Bryson, Bill
Corpo (O): Um Guia para Ocupantes.
Original title : Body (The): A Guide for Occupants.
Bertrand Editora, 2019. 536 p.
$24.20

Full of extraordinary facts and irresistible Bryson-esque anecdotes, "The Body" will lead you to a deeper understanding of the miracle that is life in general and you in particular. Bill Bryson once again proves himself to be an incomparable companion as he guides us through the human body - how it functions, its remarkable ability to heal itself, and (unfortunately) the ways it can fail.

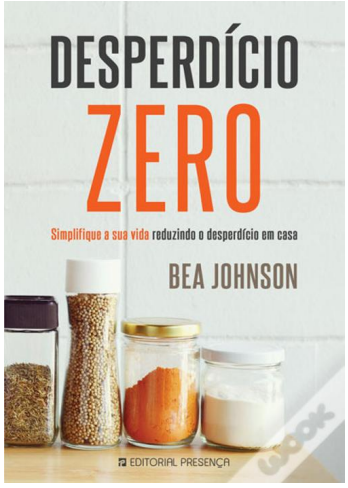
Carroll, Sean
Partícula no Fim do Universo (A) : Como a caça ao bosão de Higgs nos levou ao limiar de um mundo novo.
Original title : Big Picture (The): On the Origins of Life, Meaning, and the Universe Itself.
Gravida, 2019. 424 p.
$23.50

The scientist provides answers to essential questions about the existence of man and his place in the Universe in the form of short chapters filled with anecdotes, personal reflections and accessible scientific information.



Druyan, Ann
Cosmos : Mundos Possíveis.
Original title : Cosmos: Possible Worlds.
Gravida, 2019. 424 p.
$31.60

Based on National Geographic's internationally-renowned television series, this visually stunning book explores how science and civilization grew up together. Acclaimed author Ann Druyan documents where humanity has been and where it is going, using her unique gift of bringing complex scientific concepts to life. With evocative photographs and vivid illustrations, she recounts momentous discoveries, from the Voyager missions to Cassini-Huygens's recent insights into Saturn's moons.

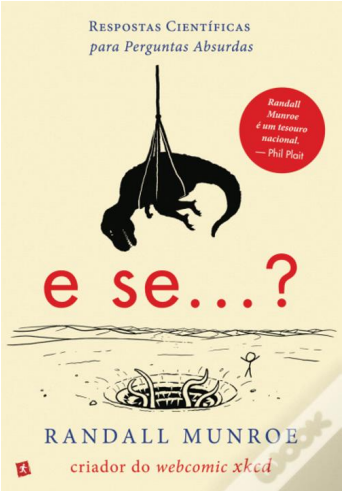


Johnson, Bea
Desperdício Zero Simplifique a sua vida reduzindo o desperdício em casa.
Original title : Zero Waste Home: The Ultimate Guide to Simplifying Your Life by Reducing Your Waste.
Editorial Presença, 2016. 344 p.
$21.70

Part inspirational story of Bea Johnson (the “Priestess of Waste-Free Living”) and how she transformed her family’s life for the better by reducing their waste to an astonishing one liter per year; a step-by-step guide that gives readers tools and tips to diminish their footprint and simplify their lives.

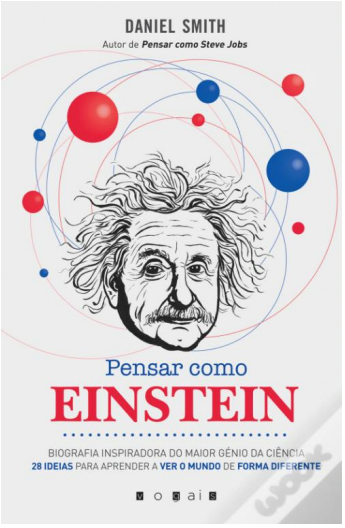
Levy, Joel
101 Problemas para Cientistas de Bancada!
Original title : Big Book of Science (The): Facts, Figures, and Theories to Blow Your Mind.
Jacarandá Editora, 2018. 224 p.
$16.30

"The Big Book of Science" uses analogies to demonstrate 100 basic scientific truths and principles in new and exciting ways, describing the unbelievably massive, the inconceivably tiny and the unfathomably complex in everyday terms.



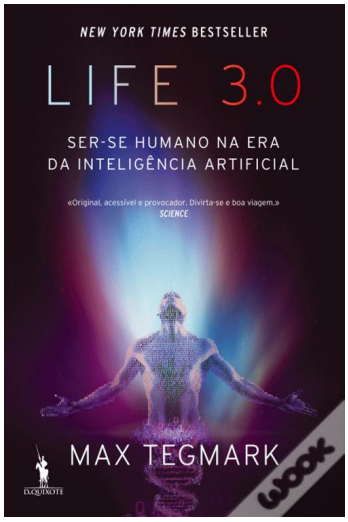
Munroe, Randall
E Se... ? Respostas científicas para perguntas absurdas.
Original title : What If?
Saída de Emergência, 2015. 352 p.
$19.40

The author, a former robotics consultant for NASA, brings inscientifically plausible answers to a series of questions on its website: What would happen if the Earth were to be stopped spinning or if the sun suddenly went out? The Moon would it change colour if all the men pointed a raylaser in his direction at the same time?



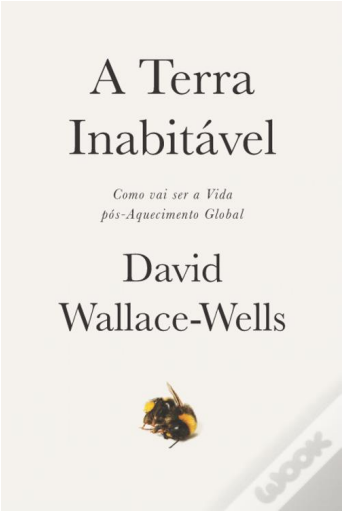
Smith, Daniel
Pensar como Einstein : Biografia Inspiradora do Maior Génio da Ciência.
Original title : How to Think Like Einstein.
Vogais, 2015. 224 p.
$16.30

Learn how Einstein, the man who evolved and altered the scientific landscape forever, viewed the world, and how his theories and the way he researched changed what we now take for granted.



Tegmark, Max
Life 3.0 : Ser-se Humano na Era da Inteligência Artificial.
Original title : Life 3.0: Being Human in the Age of Artificial Intelligence.
Dom Quixote, 2019. 480 p.
$24.00

How will artificial intelligence affect crime, war, justice, jobs, society, and our very sense of being human? The rise of AI has the potential to transform our future more than any other technology - and there's nobody better qualified or situated to explore that future than Max Tegmark, an MIT professor who's helped mainstream research on how to keep AI beneficial.



Wallace-Wells, David
Terra Inabitável (A).
Original title : Uninhabitable Earth (The): Life After Warming.
Lua de Papel, 2019. 368 p.
$18.40

The Uninhabitable Earth is both a travelogue of the near future and a meditation on how that future will look to those living through it - the ways that warming promises to transform global politics, the meaning of technology and nature in the modern world, the sustainability of capitalism and the trajectory of human progress. "The Uninhabitable Earth" is also an impassioned call to action. The responsibility to avoid the catastrophe it now belongs to a single generation - today’s.

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