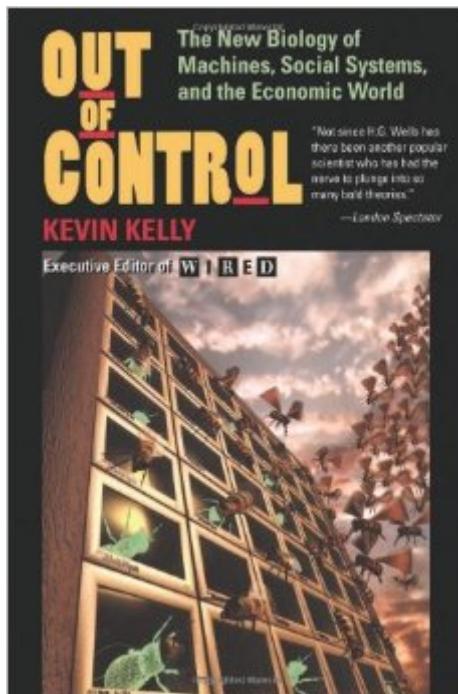


The book was found

Out Of Control: The New Biology Of Machines, Social Systems, & The Economic World



Synopsis

Out of Control chronicles the dawn of a new era in which the machines and systems that drive our economy are so complex and autonomous as to be indistinguishable from living things.

Book Information

Paperback: 528 pages

Publisher: Basic Books; Reprint edition (April 14, 1995)

Language: English

ISBN-10: 0201483408

ISBN-13: 978-0201483406

Product Dimensions: 6 x 1.2 x 9.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 starsÂ See all reviewsÂ (73 customer reviews)

Best Sellers Rank: #177,535 in Books (See Top 100 in Books) #148 inÂ Books > Computers & Technology > Computer Science > AI & Machine Learning > Intelligence & Semantics #861 inÂ Books > Science & Math > Evolution #1090 inÂ Books > Science & Math > Technology

Customer Reviews

When a swarm of bees searches for a new home, it behaves like a single superorganism. Expendable scouts explore potential hive sites concurrently, dancing to communicate their suitability, until, abruptly, the entire swarm flocks into its new home. The locus of decision is a "hive mind," a dispersed, shifting collection of instincts and tiny decisions that somehow transcends the actions of any individual, even the hive queen. Ant colonies be have similarly - and so do foreign currency fluctuations, the folding proteins that regulate the internal processes of life, and the predator prey struggles that shape global ecosystems. The hive mind is a powerful new metaphor. It's not that scientists failed to notice bee hives and ant colonies before. The difference is that novel scientific tools - chaos" theory, for example, and massively parallel computers - have allowed researchers to study and perhaps harness the unpredictable worlds of highly complex, self-organizing systems such as the hive mind. In "Out of Control," Kevin Kelly examines the impact of the hive- mind model as it spreads into the scientific and technological communities. Scientists, he says, are beginning to explore more "holistic" problems, in which entire environments are their laboratory, with huge numbers of interacting factors. Steve Packard, fur example, hoped to re-create a prairie ecology in suburban Chicago, an experiment that succeeded over nearly a decade of false starts. He discovered that the order in which he introduced complementary species - grasses and

the insects that disperse their seeds - or the timing of a clearing fire in the aftermath of a drought could radically alter the final shape of his reconstituted prairies.

Why are the three most powerful forces in our world--evolution, democracy and capitalism--so controversial? Hundreds (in the case of democracy, thousands) of years after they were first understood, we still can't quite believe these three phenomena work. Socialist Europe resists capitalism, the religious right in America questions evolution and the Middle East makes a mockery of democracy. When you think about it, it's easy to understand why: all three are radically counterintuitive. "One person, one vote?" What if they vote wrong? But that's the problem--we're thinking about it. Our brains aren't wired to understand the wisdom of the crowd. Evolution, democracy and capitalism don't work at the anecdotal level of personal experience, the level at which our story-driven synapses are built to engage. Instead, they're statistical, operating in the realm of collective probability. They're not right--they're "righter". They're not predictable and controllable--they're inherently out of control. That's scary and unsettling, but also hugely important to understand in a world of increasing complexity and diminishing institutional power (mainstream media: meet blogs; military: meet insurgency). Fortunately, this book that makes sense of all of this. Out of Control was first published in 1994, well before its time, but it's one of those rare books that sells better each year it gets older. That's because Kelly recognized that the messy markets of natural selection, enlightened self-interest and invisible hands all anticipated the Internet and the delights of watching peer-to-peer cacophony create the greatest oracle the world has ever seen.

[Download to continue reading...](#)

Out of Control: The New Biology of Machines, Social Systems, & the Economic World Show Networks and Control Systems: Formerly "Control Systems for Live Entertainment" What Do Pulleys and Gears Do? (What Do Simple Machines Do?) (What Do Simple Machines Do?) (What Do Simple Machines Do?) Social Security & Medicare Facts 2016: Social Security Coverage, Maximization Strategies for Social Security Benefits, Medicare/Medicaid, Social Security Taxes, Retirement & Disability, Ser Social Media: Master, Manipulate, and Dominate Social Media Marketing With Facebook, Twitter, YouTube, Instagram and LinkedIn (Social Media, Social Media ... Twitter, Youtube, Instagram, Pinterest) Social Media: Master Strategies For Social Media Marketing - Facebook, Instagram, Twitter, YouTube & LinkedIn (Social Media, Social Media Marketing, Facebook, ... Instagram, Internet Marketing Book 3) Control Self-Assessment: Reengineering Internal Control (Enterprise Governance, Control, Audit, Security, Risk Management and Business Continuity) Money Management Tips: Control Money Don't Let It Control You (Budgeting your

money, How to save money tips, Get out of debt fast, Live cheap, Debt free, Spend less) The New Social Story Book, Revised and Expanded 15th Anniversary Edition: Over 150 Social Stories that Teach Everyday Social Skills to Children and Adults with Autism and their Peers A Prelude to the Welfare State: The Origins of Workers' Compensation (National Bureau of Economic Research Series on Long-Term Factors in Economic Dev) The Secrets of Economic Indicators: Hidden Clues to Future Economic Trends and Investment Opportunities (3rd Edition) Economic Apartheid In America: A Primer on Economic Inequality & Insecurity, Revised and Updated Edition The Death Of Money: Economic Collapse and How to Survive In Global Economic Crisis (dollar collapse, preppers, prepper supplies, survival books, money) (SHTF Survival) (Volume 5) Economic Literacy, Grades 6 - 12: A Simplified Method for Teaching Economic Concepts Social Insurance and Social Justice: Social Security, Medicare and the Campaign Against Entitlements The Social Work Experience: An Introduction to Social Work and Social Welfare (6th Edition) (Connecting Core Competencies) Social Intelligence: A Practical Guide to Social Intelligence: Communication Skills - Social Skills - Communication Theory - Emotional Intelligence - Social Media: Dominating Strategies for Social Media Marketing with Twitter, Facebook, Youtube, LinkedIn and Instagram: Social Media, Network Marketing, Book 1 Social Media: Strategies To Mastering Your Brand- Facebook, Instagram, Twitter and Snapchat (Social Media, Social Media Marketing) Social Media: Dominating Strategies for Social Media Marketing with Twitter, Facebook, Youtube, LinkedIn and Instagram (social media, instagram, twitter, ... marketing, youtube, twitter advertising)

[Dmca](#)