THE FUTURE IS FASTER THAN YOU THINK

How Converging Technologies Are Transforming Business, Industries, and Our Lives
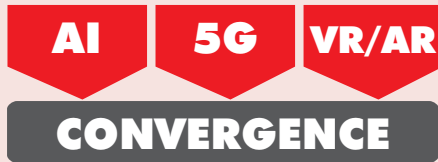
PETER H. DIAMANDIS and STEVEN KOTLER

PETER DIAMANDIS is the founder of more than fifteen high-tech companies, in addition to being a *New York Times* bestselling author. He is also the executive chairman of Singularity University, CEO of the XPRIZE Foundation, and a cofounder of Human Longevity, Inc. Peter Diamandis coauthored *Bold* and *Abundance* and attended MIT where he earned degrees in molecular genetics and aerospace engineering. He also received his M.D. from Harvard Medical School.

STEVEN KOTLER is the founder and executive director of the Flow Research Collective, a research and training organization. He specializes in analyzing peak performance. Steven Kotler is the author or coauthor of nine books, including *Last Tango in Cyberspace*, *Bold* and *Abundance*. He previously worked as a journalist for the *New York Times Magazine, Time, Forbes, Wired, The Atlantic Monthly, GQ, Details,* and other publications. He is a graduate of the University of Wisconsin, Madison, and John Hopkins University.

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MAIN IDEA

Technologies like 5G communication, artificial intelligence (AI), virtual reality (VR) and augmented reality (AR) are all advancing individually at light speed. When they combine and converge, the Law of Accelerating Returns kicks in and revolutionary breakthroughs happen at a speed that's hard for humans to comprehend.
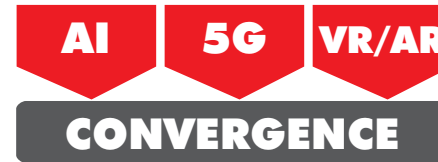
AI **5G** **VR/AR**

CONVERGENCE

We're now at a tipping point where technological changes which previously played out over decades or even centuries will arrive simultaneously in the marketplace at dizzying speed. Paradigm shifting, game-changing breakthroughs, where we conclude nothing-will-be-the-same-again, will not be an occasional event – they will crop up again and again over the next few years.

If you think the world has changed a lot over the course of your lifetime, you ain't seen nothing yet. The roller coaster is about to take off.

"Being able to see around the corner of tomorrow and being agile enough to adapt to what's coming have never been more important. The only constant is change, and the pace of change is accelerating."
– Peter Diamandis and Steven Kotler

"There is little doubt that the decade to come will be filled with radical breakthroughs and world-changing surprises. Every major industry on our planet is about to be completely reimagined. For entrepreneurs, for innovators, for leaders, for anyone sufficiently nimble and adventurous, the opportunities will be incredible. It will be both a future that's faster than you think and arguably the greatest display of imagination rendered visible the world has yet seen. Welcome to an era of extraordinary."
– Peter Diamandis and Steven Kotler

AI **5G** **VR/AR**

CONVERGENCE

1. Ten technologies . . . . Pages 2 - 4

There are ten technologies which are currently on exponential growth curves, and for which accelerating returns are kicking in. These technologies are:

1	QUANTUM COMPUTING		6	VIRTUAL REALITY (VR) / AR
2	ARTIFICIAL INTELLIGENCE (AI)		7	3-D PRINTING
3	NETWORKS and 5G		8	BLOCKCHAIN
4	SENSORS		9	MATERIAL SCIENCES
5	ROBOTICS		10	BIOTECHNOLOGY

2. How technologies will shape the world . . . . Pages 5 - 7

Ultimately, converging technologies will reshape every industry that exists. Eight of the first industries to be impacted will be:

1	SHOPPING		5	HEALTHCARE
2	ADVERTISING		6	LONGEVITY
3	ENTERTAINMENT		7	INSURANCE & FINANCE
4	EDUCATION		8	FOOD

3. The big picture . . . . Page 8

There are numerous environmental, economic, and existential risks which will threaten the progress we're about to make. Changes will also be made against the backdrop of five great migrations now under way. All of these factors will influence how the future ultimately unfolds. It promises to be an interesting ride. Buckle up.

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