

Aims and Scope of the Series

The IEEE Press Series on Computational Intelligence includes books on neural, fuzzy, and evolutionary computation, and related technologies, of interest to the engineering and scientific communities. Computational intelligence focuses on emulating aspects of biological systems to construct software and/or hardware that learns and adapts. Such systems include neural networks, our use of language to convey complex ideas, and the evolutionary process of variation and selection. The series highlights the most-recent and groundbreaking research and development in these areas, as well as the important hybridization of concepts and applications across these areas. The audiences for books in the series include undergraduate and graduate students, practitioners, and researchers in computational intelligence.

Titles in this Series

Please follow link for a list of books in this series.

Series Editor



David B. Fogel
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Dr. David Fogel is an internationally recognized scientist, speaker, and engineer. He holds a Ph.D. in engineering from UCSD (1992) and a B.S. in mathematics (statistics) from UCSB (1985). In 1999, he was elevated to the status of IEEE Fellow, the second-youngest Fellow in the history of the world's largest organization of professional engineers. In 2004, he received an IEEE Technical Field Award, and he has received numerous other distinctions, including San Diego Distinguished Scientist of the Year from Sigma Xi, the CajAstur Prize for Soft Computing (20,000 euros), and he received an honorary doctorate in 2008 from the University of Pretoria. In 2009, Dr. Fogel was named one of the top-100 most influential alumni in the then 50-year history of the University of California at San Diego. In 2014, Dr. Fogel was recognized as an "AI Hero" by the 150-member artificial intelligence team at Lockheed Martin.

Some of Dr. Fogel's experience includes:

- Nearly 200 plenary/invited lectures at diverse venues
- 30+ years of pioneering contributions in computational intelligence
- Author of 8 books and over 200 technical publications
- Founding editor-in-chief, IEEE Transactions on Evolutionary Computation (1996-2002)
- Editor-in-chief, BioSystems (2002-2008)
- Co-founder of multiple AI companies, including Natural Selection, Inc. and Effect Technologies, Inc. (maker of EffectCheck)

- Successful exit of Natural Selection Financial, Inc. (IP acquired by Lincoln Vale), led to managing almost \$60M of institutional and other funds.
- Inventor of 10+ patents
- Principal investigator on Natural Selection, Inc.'s development of FDA's PREDICT food screening system
- Consultant to technology, financial, legal, medical writing, and estate planning firms

For more information on this series and on writing a book for Wiley-IEEE Press, please contact David Fogel at dfogel@natural-selection.com or our Wiley acquisitions editor, Mary Hatcher at pressbooks@ieee.org. Please follow this link for more information on [Proposal form and Author instructions](#).