

Table of Contents

From the Imitation of Life to Machine Consciousness	1
<i>Owen Holland</i>	
Evolution of Spiking Neural Controllers for Autonomous Vision-Based Robots	38
<i>Dario Floreano and Claudio Mattiussi</i>	
First Three Generations of Evolved Robots	62
<i>Jordan B. Pollack, Hod Lipson, Pablo Funes and Gregory Hornby</i>	
Steps Towards Living Machines	72
<i>Rodney A. Brooks</i>	
Artificial Evolution: A Continuing SAGA	94
<i>Inman Harvey</i>	
Using Biological Inspiration to Build Artificial Life That Locomotes	110
<i>Robert J. Full</i>	
Interactions between Art and Mobile Robotic System Engineering	121
<i>Francesco Mondada, Skye Legon</i>	
Author Index	139