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Nota di contenuto	Part 1. FOUNDATIONS -- Introduction to Neural Networks -- Introduction to Evolutionary Computation -- Introduction to Neuroevolutionary Methods -- The Unintentional Neural Network Programming Language -- Introduction: Applications & Motivations -- Part 2. NEUROEVOLUTION: TAKING THE FIRST STEP -- Developing a Feed Forward Neural Network -- Adding the "Stochastic Hill-Climber" Learning Algorithm -- Developing a Simple Neuroevolutionary Platform -- Testing the Neuroevolutionary System -- Part 3. A Case Study -- DXNN: A Case Study -- Part 4. Advanced Neuroevolution: Creating the Cutting Edge -- Decoupling & Modularizing Our Neuroevolutionary Platform -- Keeping Track of Important Population and Evolutionary Stats -- The Benchmarking -- Creating the Two Slightly More Complex Benchmarks -- Neural Plasticity -- Substrate Encoding -- Substrate Plasticity -- Part 5. Applications -- Artificial Life -- Evolving Currency Trading Agents -- Part 6. Promises Kept -- Conclusion.