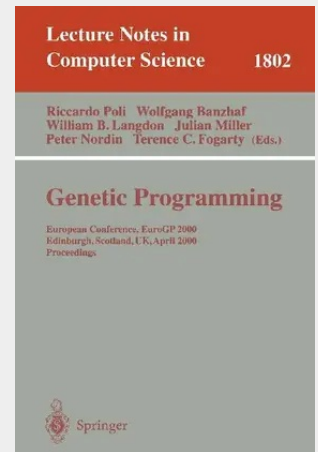


Genetic Programming

European Conference, EuroGP 2000 Edinburgh, Scotland, UK, April 15-16, 2000
Proceedings

This volume contains the proceedings of EuroGP 2000, the European Conference on Genetic Programming, held in Edinburgh on the 15th and 16th April 2000. This event was the third in a series which started with the two European workshops: EuroGP'98, held in Paris in April 1998, and EuroGP'99, held in Gothenburg in May 1999. EuroGP 2000 was held in conjunction with EvoWo-shops 2000 (17th April) and ICES 2000 (17th-19th April). Genetic Programming (GP) is a growing branch of Evolutionary Computation in which the structures in the population being evolved are computer programs. GP has been applied successfully to a large number of difficult problems like automatic design, pattern recognition, robotic control, synthesis of neural networks, symbolic regression, music and picture generation, biomedical applications, etc. In recent years, even human-competitive results have been achieved by a number of groups. EuroGP 2000, the first evolutionary computation conference of the new millennium, was the biggest event devoted to genetic programming to be held in Europe in 2000. It was a high quality conference where state-of-the-art work on the theory of GP and applications of GP to real world problems was presented.

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