Computable economics

The Arne Ryde Memorial Lectures

Kumaraswamy Velupillai



Contents

1 Introduction and Overview	1
2 Ideas, Pioneers, and Precursors	10
3 Computable Rationality	28
4 Adaptive Behavior .	44
5 The Modern'Theory of Induction	66
6 Learning in a Computable'Setting	89
7 Effective Playability in Arithmetical Games	107
8 Notes on Computational Complexity	134
9 Explorations in Computable Economics	146
10 Conclusions: Reflections and Hopes	178
Appendix: A Child's Guide to Elementary Aspects of	
Computability Theory	185
References .	201
Author Index	213
Subject Index ' •	217