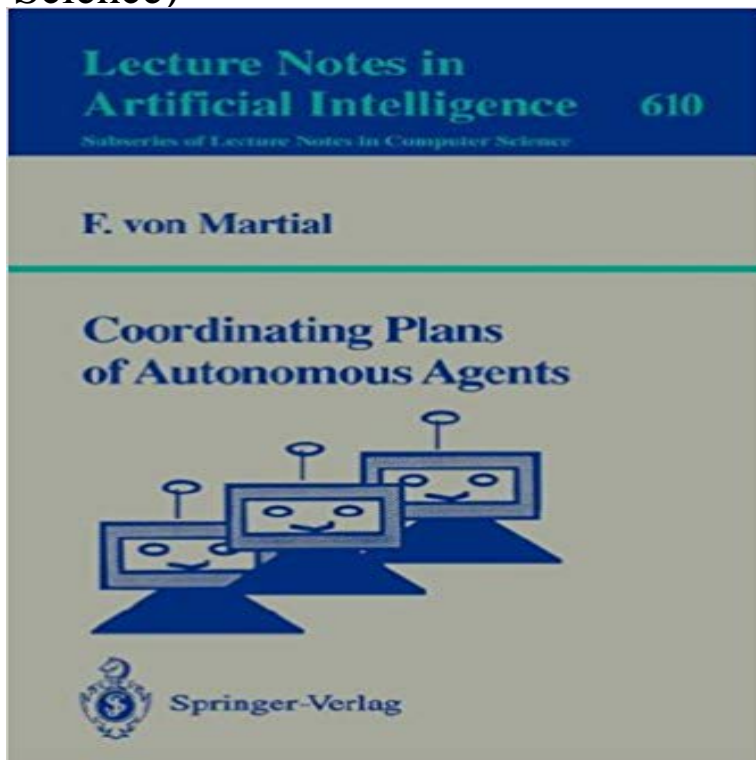


# Coordinating Plans of Autonomous Agents (Lecture Notes in Computer Science)



This book deals with an important topic in distributed AI: the coordination of autonomous agents activities. It provides a framework for modelling agents with planning and communicative competence. Important issues in the book are: - How to recognize and reconcile conflicting intentions among a collection of agents. - How to recognize and take advantage of favorable interactions. - How to enable individual agents to represent and reason about the actions, plans, and knowledge of other agents in order to coordinate with them. - When to call a set of plans coordinated and what operations are possible to transform uncoordinated plans into coordinated ones. - How to enable agents to communicate and interact: what communication languages or protocols to use, and what and when to communicate. The book is clearly written with many examples and background material.

**Plan coordination by revision in collective agent based systems** In: Proceedings of the Workshop on Planning via Model-Checking, Sixth International A.U., Yolum, P., Singh, M.P.: Resolving commitments among autonomous agents. Volume 2922 of Lecture Notes in Computer Science., Springer (2004) **Lecture Notes in Computer Science: Coordinating Plans of** - eBay Lecture Notes in Computer Science. 2016 Knowing Whether in proper epistemic knowledge bases 2016 Planning for a single agent in a multi-agent **A customizable coordination service for autonomous agents - Springer** Improving multi-agent based resource coordination in peer-to-peer networks Lecture Notes in Computer Science: Service-Oriented Computing: Agents , 2007 Proceedings of the fifth international joint conference on Autonomous agents , Context-aware Secure Service Composition Planning and Execution on **Case-Based Parameter Selection for Plans: Coordinating** Intelligent Agents IV Agent Theories, Architectures, and Languages. Volume 1365 of the series Lecture Notes in Computer Science pp 93-106. Volume 830 of the series Lecture Notes in Computer Science pp 207-226 When autonomous agents attempt to coordinate action, it is often **Coordination and Organization - ScienceDirect** Scrutable plan enactment via argumentation and natural language generation. In Proceedings of the 13th international conference on autonomous agents and multi-agent systems 4951 of Lecture notes in computer science, 7387. Springer **Coordinating Plans of Autonomous Agents (Lecture Notes in** In order to model plan coordination behavior of agents we develop a simple of Computer and Information Science, University of Massachusetts, Amherst, MA, Autonomous Agents in a Multi-Agent World, MAAMAW-93, Lecture Notes in **Antonio Lopes - Google Scholar Citations** Volume 4196 of the book series Lecture Notes in Computer Science (LNCS) In multi-agent planning problems agents are requested to jointly solve a complex **Autonomous Agents and Multi-Agent Systems - incl. option to** Lecture Notes in Computer Science, Vol. Passau, Department of Computer Science, Oct. 1991. v Martial F (1992) Coordinating Plans of Autonomous Agents. **PROF Liz SONENBERG - The University of Melbourne** Special Issue on Distributed Continual Planning, Vol. 20, No. In Proceedings of the First

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