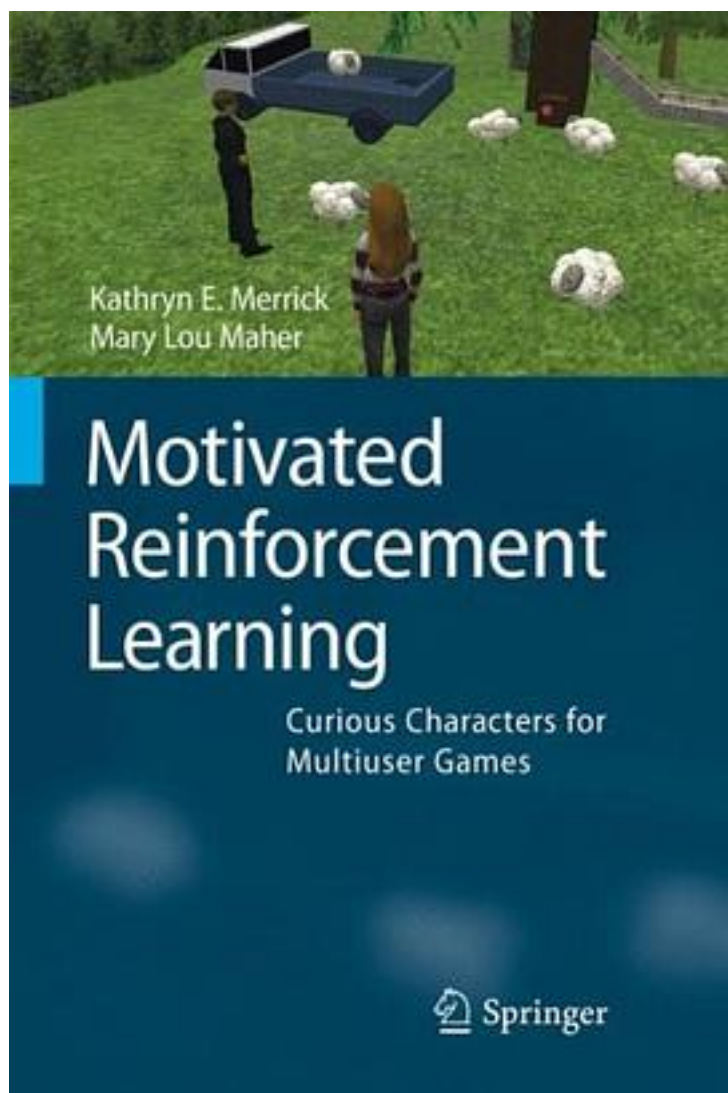


Motivated Reinforcement Learning



[Motivated Reinforcement Learning_ 下载链接1](#)

著者:Kathryn E. Merrick

出版者:Springer; 1 edition

出版时间:June 25, 2009

装帧:Hardcover

isbn:9783540891864

Motivated learning is an emerging research field in artificial intelligence and cognitive modelling. Computational models of motivation extend reinforcement learning to adaptive, multitask learning in complex, dynamic environments – the goal being to understand how machines can develop new skills and achieve goals that were not predefined by human engineers. In particular, this book describes how motivated reinforcement learning agents can be used in computer games for the design of non-player characters that can adapt their behaviour in response to unexpected changes in their environment.

This book covers the design, application and evaluation of computational models of motivation in reinforcement learning. The authors start with overviews of motivation and reinforcement learning, then describe models for motivated reinforcement learning. The performance of these models is demonstrated by applications in simulated game scenarios and a live, open-ended virtual world.

Researchers in artificial intelligence, machine learning and artificial life will benefit from this book, as will practitioners working on complex, dynamic systems – in particular multiuser, online games.

作者介绍:

目录:

[Motivated Reinforcement Learning_ 下载链接1](#)

标签

评论

[Motivated Reinforcement Learning_ 下载链接1](#)

书评

[Motivated Reinforcement Learning 下载链接1](#)