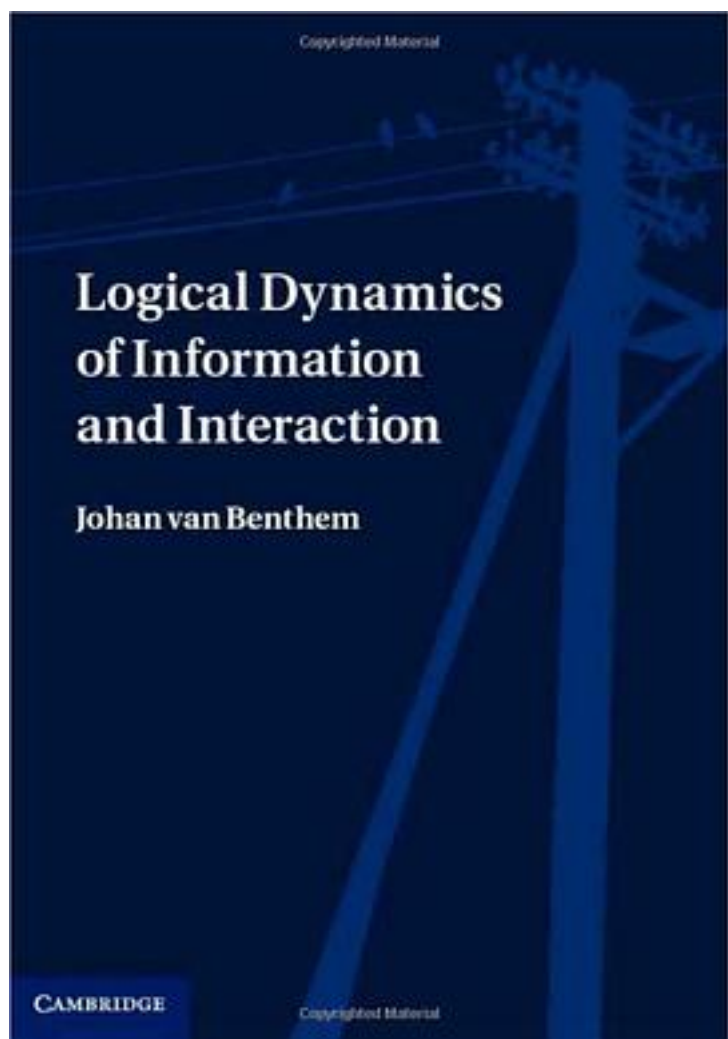


Logical Dynamics of Information and Interaction



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This book develops a new view of logic as a theory of information-driven agency and

intelligent interaction between many agents - with conversation, argumentation and games as guiding examples. It provides one uniform account of dynamic logics for acts of inference, observation, questions and communication, that can handle both update of knowledge and revision of beliefs. It then extends the dynamic style of analysis to include changing preferences and goals, temporal processes, group action and strategic interaction in games. Throughout, the book develops a mathematical theory unifying all these systems, and positioning them at the interface of logic, philosophy, computer science and game theory. A series of further chapters explores repercussions of the 'dynamic stance' for these areas, as well as cognitive science.

作者介绍:

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标签

哲学逻辑

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评论

有几个公式应该是出版时打错了

刚给一个杂志写了这本书的书评。
适合当DEL的handbook或者参考书，覆盖的面很广，信息量非常大。但是有很多重要的技术细节都一带而过了，很多结果表述也不是特别精确，作者心里也许清楚，但是读者可能就不了解了，也许会导致错误的印象。认真的读者需要自己补充细节或者参考相关原始文献。

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