

Preface

This puzzlebook presents 11 different puzzles about knowledge and ignorance. Each puzzle is treated in depth in a separate chapter, and each chapter also contains additional puzzles for which the answers can be found at the back of the book. A constant theme in these puzzles is that the persons involved make announcements about what they know and do not know, and then later appear to contradict themselves. Such knowledge puzzles have played an important role in the development of an area known as dynamic epistemic logic. A separate stand-alone chapter gives an introduction to dynamic epistemic logic.

The illustrations for this book were made by Elanchezian. Elanchezian is a Tamil speaking Indian illustrator living in Chennai. Hans has an associate position at the Institute of Mathematical Sciences (IMSc) in Chennai, India. By the intermediation of his IMSc host Ramanujam, and the kind assistance of Shubashree Desikan, who acted as a Tamil-English interpreter, he got in contact with Elanchezian. How the illustrations to each chapter came about is story in itself, and we are very grateful for Elanchezian's essential part in this joint enterprise.

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Nancy, France, and Groningen,
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