## Contents

- Acknowledgments vii
  - Prologue ix
- 1. Dances with Machines 3
- 2. The Quest for an Artificial Creature 12
  - 3. Planetary Ambassadors 32
    - 4. It's 2001 Already 63
  - 5. Machines to Live With 99
    - 6. Where Am I? 127
    - 7. We Are Special 148
    - 8. We Are Not Special 172
      - 9. Them and Us 197
      - 10. Us as Them 213

Epilogue 237

- Appendix: How Genghis Works 241
  - Index 253