

The nature of minimax search

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STELLINGEN behorende bij het proefschrift

The Nature of Minimax Search

D.F. Beal

- Search is the judge of knowledge. (Chapter 3 - search produces more reliable values.)
- Proofs can be harder to verify than the propositions they prove. (Chapter 5 - IBV.)
- Reasoning backwards is harder than reasoning forwards. (Chapter 8)
- 4. We are limited not by what we can see, but by what we have time to see. (Chapter 9 search envelopes.)
- A successful strategy assumes there is always some way to improve the situation.
 (Chapter 10 - null-move quiescence.)
- Any plan is better than no plan.
 (Minimax search on any numbers is better than random play.)
- 7. Probability theory is the understanding of ignorance.
- Literature and arts represent the peaceful side of human nature. On the other side, games are better than war.
- Human efforts are at their most successful when the work benefits other people.
- 10. Computers can think the unthinkable.