

CSC466 Project Annotated Bibliography

1. "Algorithmic Approaches to Playing Minesweeper" – David

Becerra – 2015 [http://nrs.harvard.edu/urn-](http://nrs.harvard.edu/urn-3:HUL.InstRepos:14398552)

[3:HUL.InstRepos:14398552](http://nrs.harvard.edu/urn-3:HUL.InstRepos:14398552)

This thesis explores methods for solving minesweeper, specifically single point strategies and as a constraint satisfaction problem.

2. "Minesweeper is NP-Complete" – Richard Kaye – 2000 –

Mathematical Intelligencer, vol 22, number 2, pp9-15

<https://www.minesweeper.info/articles/MinesweeperIsNPComplete.pdf>

This article explores the difficulty of minesweeper and proves it to be an NP-complete problem.

3. "Authoritative Minesweeper"

<https://minesweepergame.com/about.php>

This is a community operated website which contains many pages which detail how to play the game, history on the game, and downloads for many different versions of the game.

4. "The Most Successful Game Ever: a History of Minesweeper" – Richard Cobbett – May 5, 2009 – TechRadar

<https://www.techradar.com/news/gaming/the-most-successful-game-ever-a-history-of-minesweeper-596504>

This article gives some history on the game of Minesweeper.

5. "Minesweeper as a Constraint Satisfaction Problem" – Chris Studholme – 2000 – University of Toronto.

<http://www.cs.toronto.edu/~cvs/minesweeper/minesweeper.pdf>

This paper was the original paper on representing Minesweeper as a CSP.

6. "The Complexity of Minesweeper and Strategies for Game Playing" – Kasper Pedersen – 2004 – University of Warwick

<https://minesweepergame.com/math/the-complexity-of-minesweeper-and-strategies-for-game-playing-2004.pdf>

This paper details many different strategies for an algorithm to solve Minesweeper.