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# Chaff algorithm

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**Chaff** is an [algorithm](#) for solving instances of the [Boolean satisfiability problem](#) in programming. It was designed by researchers at [Princeton University, USA](#). The algorithm is an instance of the [DPLL algorithm](#) with a number of enhancements for efficient implementation.

## Implementations [\[edit\]](#)

Some available implementations of the algorithm in software are mChaff and **zChaff**, the latter one being the most widely known and used. zChaff was originally written by Dr. Lintao Zhang, now at [Microsoft Research](#), hence the “z”. It is now maintained by researchers at [Princeton University](#) and available for [download](#) as both source code and binaries on [Linux](#). zChaff is free for non-commercial use.

## References [\[edit\]](#)

- M. Moskewicz, C. Madigan, Y. Zhao, L. Zhang, S. Malik. *Chaff: Engineering an Efficient SAT Solver* , 39th Design Automation Conference (DAC 2001), Las Vegas, ACM 2001.

## External links [\[edit\]](#)

- [Web page about zChaff](#) 



*This [formal methods](#)-related article is a *stub*. You can help Wikipedia by [expanding it](#).*

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