

[Home](#) \* [Engines](#) \* [Abulafia](#)



[Abulafia's](#) Light of the Intellect  
(1285) <sup>[1]</sup>

**Abulafia**,  
an [UCI](#) compliant experimental  
[open source chess engine](#) by [Nicu  
Ionita](#) written in [Haskell](#), and  
predecessor of [Barbarossa](#) <sup>[1]</sup>.  
Abulafia uses [magic bitboards](#) <sup>[2]</sup> to  
determine [sliding piece attacks](#),  
and [monad transformers](#) <sup>[3]</sup> <sup>[4]</sup> in  
[continuation passing style](#) to  
control the [search](#).

## Table of Contents

[See also](#)

[Forum Posts](#)

[External Links](#)

[Chess Engine](#)

[Misc](#)

[References](#)

[What links here?](#)

## See also

- [Barbarossa](#)
- [Metaphysics](#)

## Forum Posts

- [Abulafia, chess, Haskell and some \(new?\) ideas](#) by [Nicu Ionita](#), [CCC](#), April 20, 2012
- [The best chess engine written in Haskell](#) by [Ruxy Sylwyka](#), [CCC](#), January 18, 2013

## External Links

## Chess Engine

- [nionita/Abulafia · GitHub](#)
- [Abulafia 0.61](#) in [CCRL 40/4](#)

## Misc

- [Abulafia \(disambiguation\) from Wikipedia](#)
- [Abraham Abulafia from Wikipedia](#)
- [Meir Abulafia from Wikipedia](#)

## References

1. <sup>^</sup> [Barbarossa 0.1.0](#) by [Nicu Ionita](#), [CCC](#), November 24, 2013
2. <sup>^</sup> [Abulafia/Magics.hs at master · nionita/Abulafia · GitHub](#)
3. <sup>^</sup> [Haskell/Monad transformers - Wikibooks](#)
4. <sup>^</sup> [Haskell/Understanding monads - Wikibooks](#)
5. <sup>^</sup> An illuminated page from [Abraham Abulafia's](#) *Light of the Intellect* (1285), [The Vatican Library](#), Unknown artist; the author of the book is Abulafia, [Kabbalah from Wikipedia](#), [Wikimedia Commons](#)

## What links here?

| Page                        | Date Edited  |
|-----------------------------|--------------|
| <a href="#">Abulafia</a>    | Oct 4, 2017  |
| <a href="#">Barbarossa</a>  | Dec 20, 2016 |
| <a href="#">Engines</a>     | Mar 10, 2018 |
| <a href="#">Nicu Ionita</a> | May 3, 2017  |

[Up one level](#)