

Idea (3A)

- Increase CORDIC Precision
- Termination condition
-

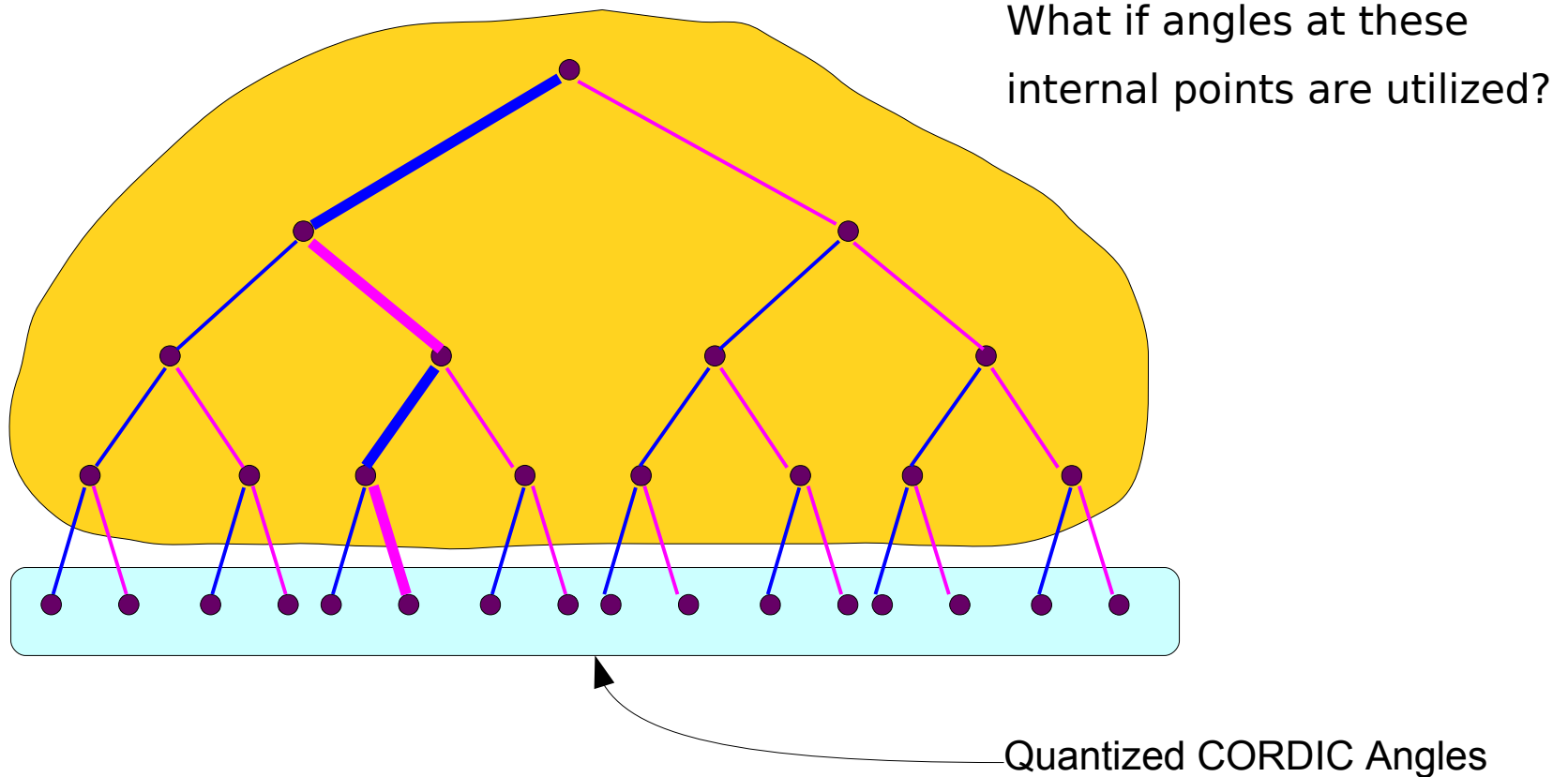
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Please send corrections (or suggestions) to youngwlim@hotmail.com.

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CORDIC as a Search Algorithm

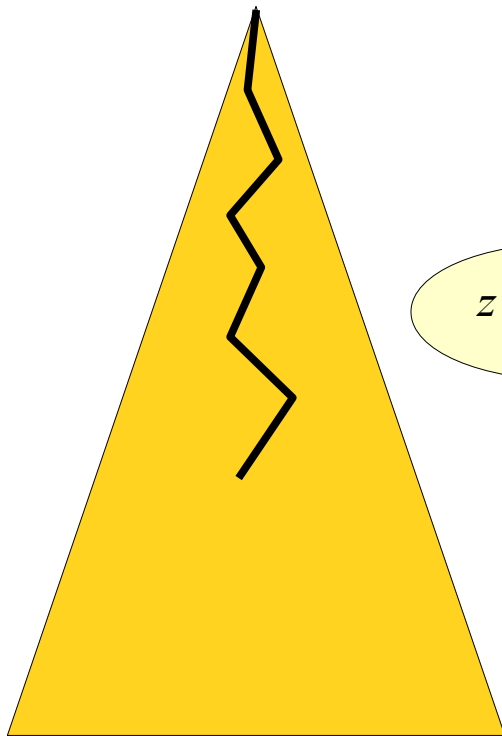


Find out heuristic functions

To increase precision

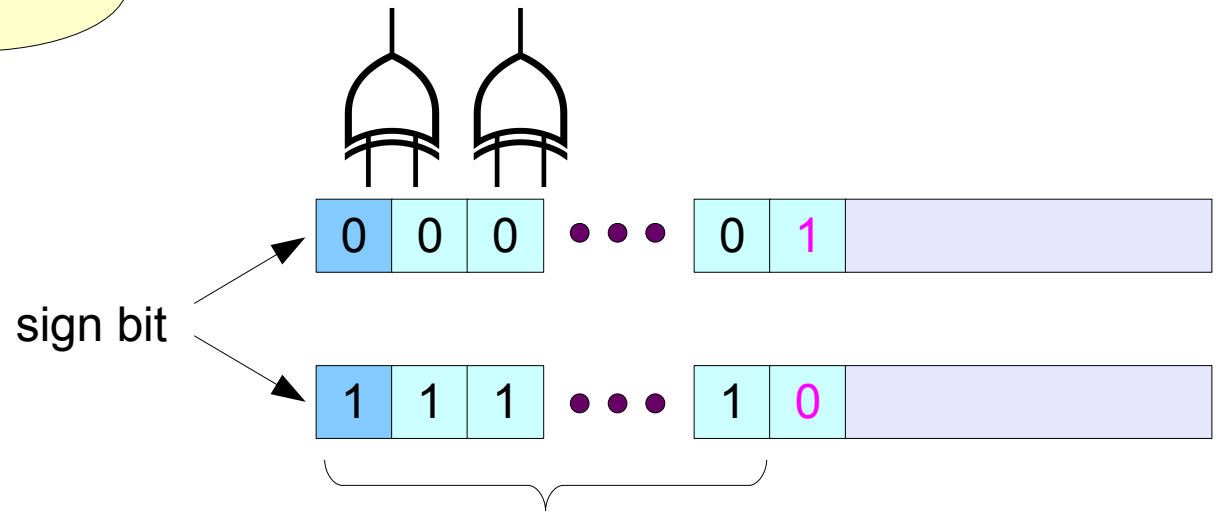
To reduce the number of iterations

Termination Condition



$$z[n] \leq \epsilon$$

may be implemented
without an additional adder



*Need more literature survey
To check if new idea or not*

Consecutive sign bits:
Counting leading zero's / one's

References

- [1] <http://en.wikipedia.org/>
- [2] J.H. McClellan, et al., Signal Processing First, Pearson Prentice Hall, 2003
- [3] A “graphical interpretation” of the DFT and FFT, by Steve Mann