

References and Annotated Bibliography

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Key References:

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The journal provided an initial introduction to fractals and the features that make a fractal, a fractal. I referred the work as one of my first looks into the basics of fractals and to develop an understanding of the principles of self similarity, scale invariability, bounded infinity and the recursive feedback process that features the fractal growth.
2. Kitagawa, S., 2016. *Houdini*. Available from: http://nomoreretake.net/en/2016/12/29/houdini_l_system_sample02/ [Accessed 9 May 2017].
Kitagawa's webpage focused on ways to form different snowflake patterns in Houdini using varied rules and to change the formation by changing the number of L-System generations and altering the formation angles. The site helped me better understand the implementation of L-Systems in Houdini and further guided me to build my own L-System rules and patterns.
3. Reiter, C., 2004. A local cellular model for snow crystal growth. Available from: www.patarnott.com/pdf/SnowCrystalGrowth.pdf [Accessed 4 May 2017].
Reiter's work touches upon Diffusion Limited Aggregation using a hexagonal ice lattice with a detailed description of how the aggregation of water molecules happens and also talking into account any water that may be externally added. I used his work in combination to a classmate's implementation of the same to show a different method of snow crystal generation, apart from L-Systems.

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