

My Definition and DRAM structure

April 15, 2022

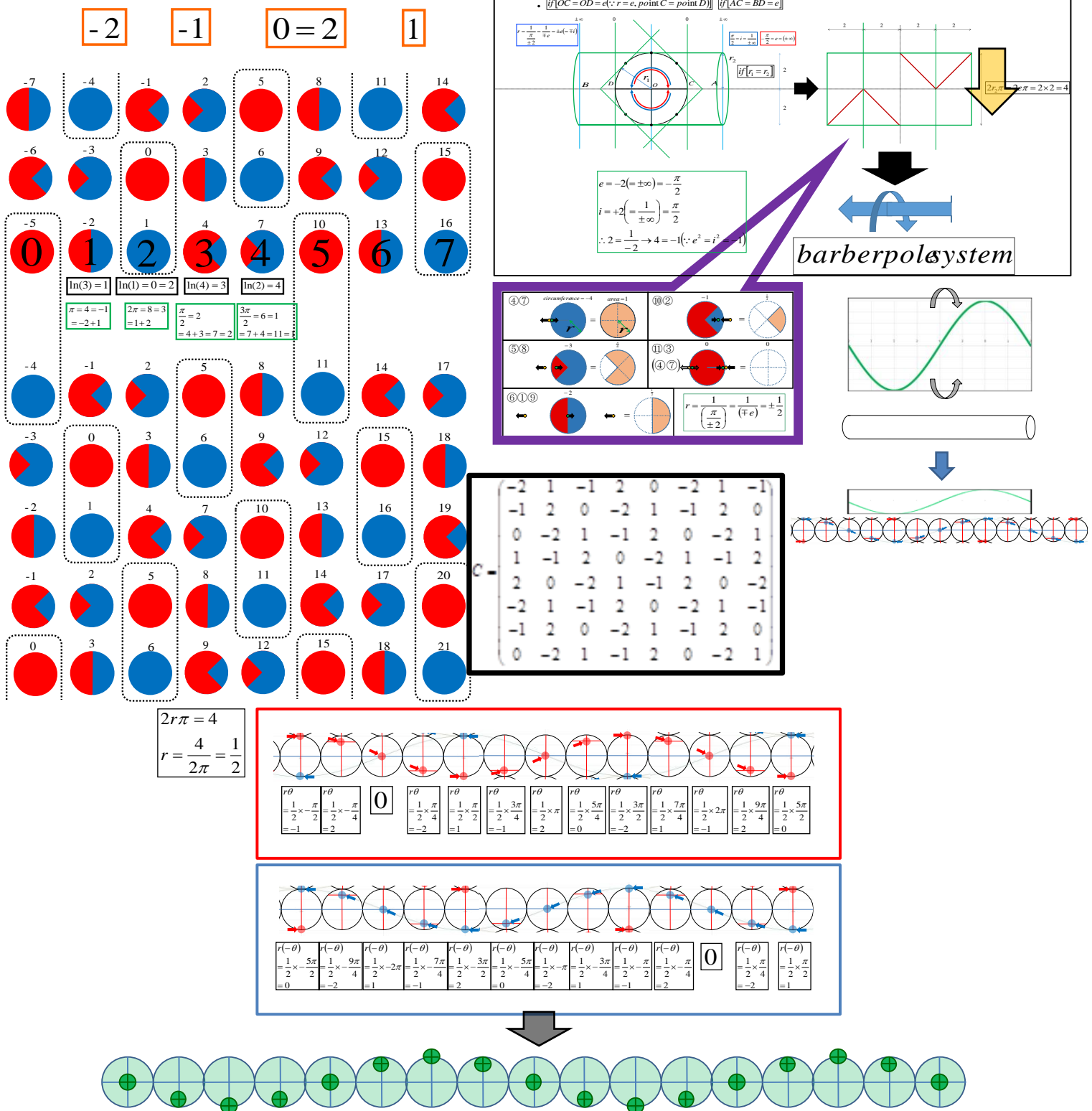
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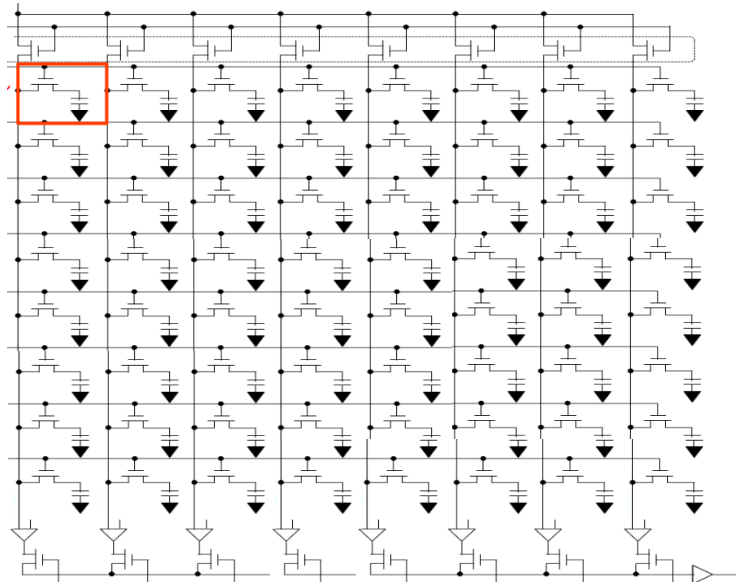
Abstract

The purpose of this chapter is to illustrate in figures the similarities between My Definition and the basic DRAM structure, as well as expectations for its application.

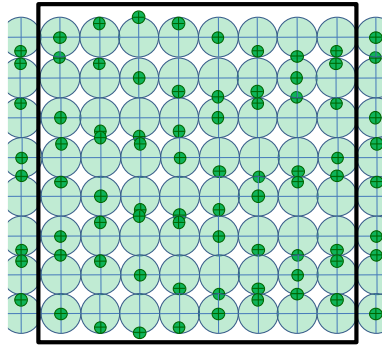
General comment



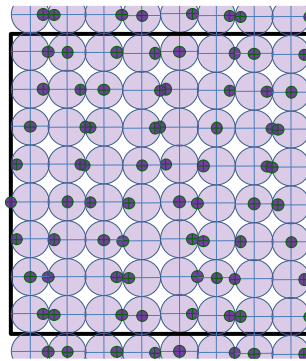
Basic DRAM Structure



$$C = \begin{pmatrix} -2 & 1 & -1 & 2 & 0 & -2 & 1 & -1 \\ -1 & 2 & 0 & -2 & 1 & -1 & 2 & 0 \\ 0 & -2 & 1 & -1 & 2 & 0 & -2 & 1 \\ 1 & -1 & 2 & 0 & -2 & 1 & -1 & 2 \\ 2 & 0 & -2 & 1 & -1 & 2 & 0 & -2 \\ -2 & 1 & -1 & 2 & 0 & -2 & 1 & -1 \\ -1 & 2 & 0 & -2 & 1 & -1 & 2 & 0 \\ 0 & -2 & 1 & -1 & 2 & 0 & -2 & 1 \end{pmatrix}$$

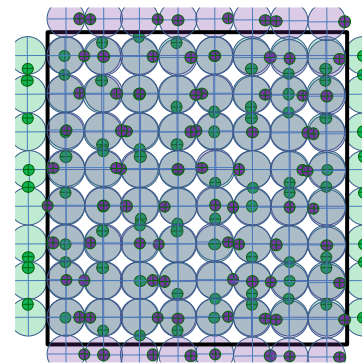


$$D = \begin{pmatrix} 1 & 2 & -2 & -1 & 0 & 1 & 2 & -2 \\ -2 & -1 & 0 & 1 & 2 & -2 & -1 & 0 \\ 0 & 1 & 2 & -2 & -1 & 0 & 1 & 2 \\ 2 & -2 & -1 & 0 & 1 & 2 & -2 & -1 \\ -1 & 0 & 1 & 2 & -2 & -1 & 0 & 1 \\ 1 & 2 & -2 & -1 & 0 & 1 & 2 & -2 \\ -2 & -1 & 0 & 1 & 2 & -2 & -1 & 0 \\ 0 & 1 & 2 & -2 & -1 & 0 & 1 & 2 \end{pmatrix}$$



$$CD = DC = \begin{pmatrix} 1 & -1 & 2 & 0 & -2 & 1 & -1 & 2 \\ 0 & 1 & 2 & -2 & -1 & 0 & 1 & 2 \\ -1 & -2 & 2 & 1 & 0 & -1 & -2 & 2 \\ -2 & 0 & 2 & -1 & 1 & -2 & 0 & 2 \\ 2 & 2 & 2 & 2 & 2 & 2 & 2 & 2 \\ 1 & -1 & 2 & 0 & -2 & 1 & -1 & 2 \\ 0 & 1 & 2 & -2 & -1 & 0 & 1 & 2 \\ -1 & -2 & 2 & 1 & 0 & -1 & -2 & 2 \end{pmatrix}$$

$$\therefore AB = BA = BC = CB = CD = DC = DA = AD$$



I am convinced that if my Definition structure were applied to such a basic DRAM structure, it would yield very interesting results. Thank you for reading.