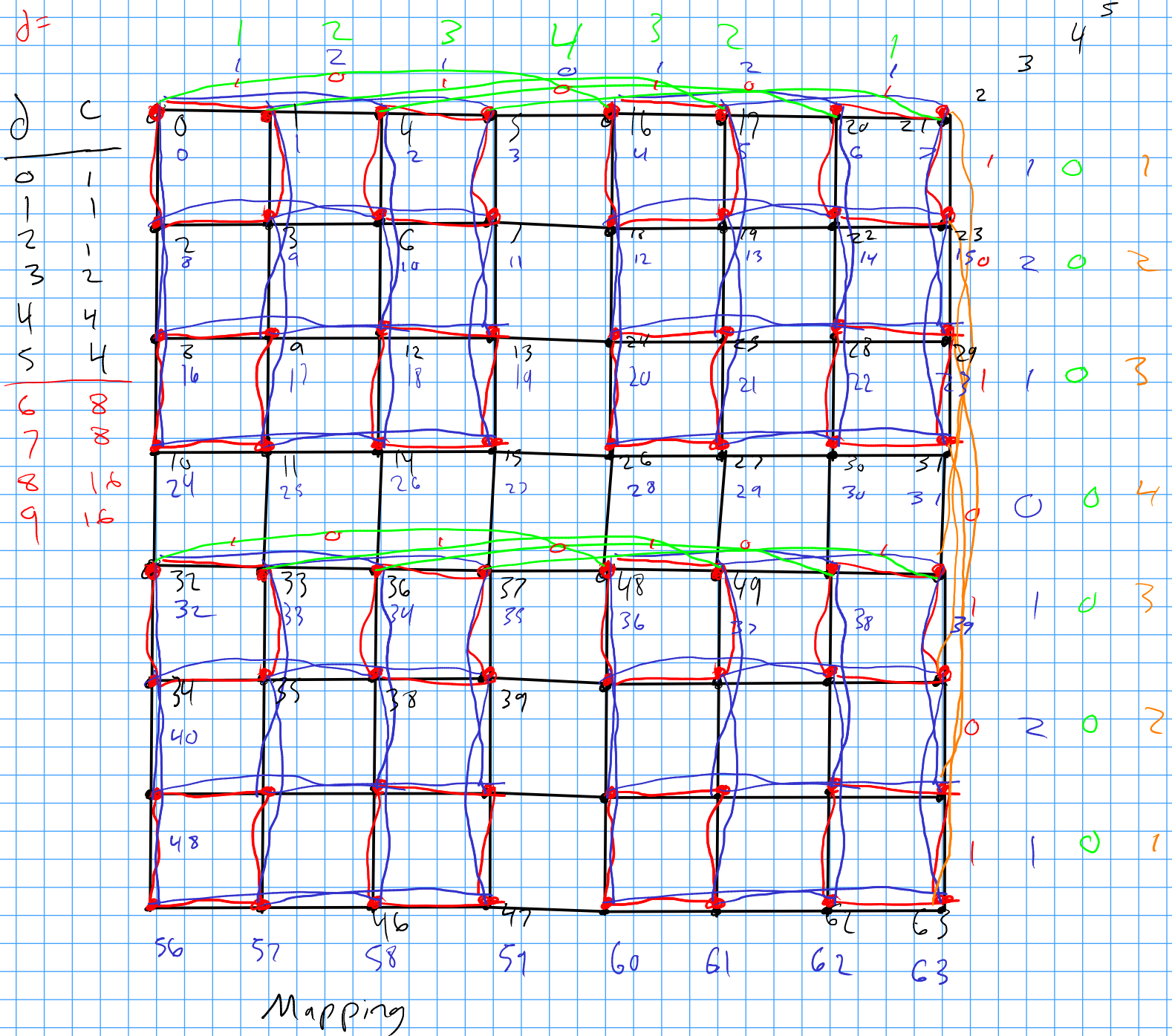
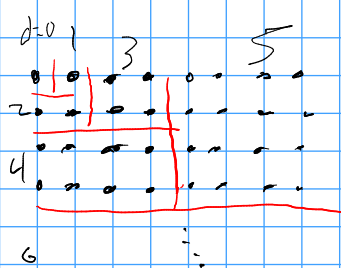


2.24)

The general idea of the mapping is to expand right and down as dimensions increase:





The congestion  
will be:

$$C(d) = \begin{cases} 1 & d \leq 2 \\ 2^{d/2} & d \text{ is even} \\ C(d-1) & d \text{ is odd} \end{cases}$$

dim	Source	target	dir
0	.	.	n/a
1	—	—	→
2	□	□	↓
3	□ □	□ □	→
4	□ □ □ □	□ □ □ □	↓

**Note** that a mapping table is :n

2.24 - mapping.pdf