- based on [[Chen Notation]]
- some slight differences

Cardinality

- 1:1 - one to one
- 1:C - 1 to 0/1
- 1:M - 1 to at least 1
- 1:MC - 1 to arbitrary many
  - **1:1** – [1] to [1]
  - **1:C** – [1] to [0 or 1]
  - **1:M** – [1] to [at least 1]
  - **1:MC** – [1] to [arbitrary many]

  - **C:C** – [0 or 1] to [0 or 1] → **see 1:1 in Chen**
  - **C:M** – [0 or 1] to [at least 1]
  - **C:MC** – [0 or 1] to [arbitrary many] → **see 1:N in Chen**

  - **M:M** – [at least 1] to [at least 1]
  - **M:MC** – [at least 1] to [arbitrary many]

- **MC:MC** – [arbitrary many] to [arbitrary many] → **see M:N in Chen**

→ **4*4 = 16 combinatio**
(symmetric combinations or

$$\begin{matrix} 1 & 1 & 1 & 1 \\ 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 \end{matrix} \quad \frac{n \cdot}{}$$