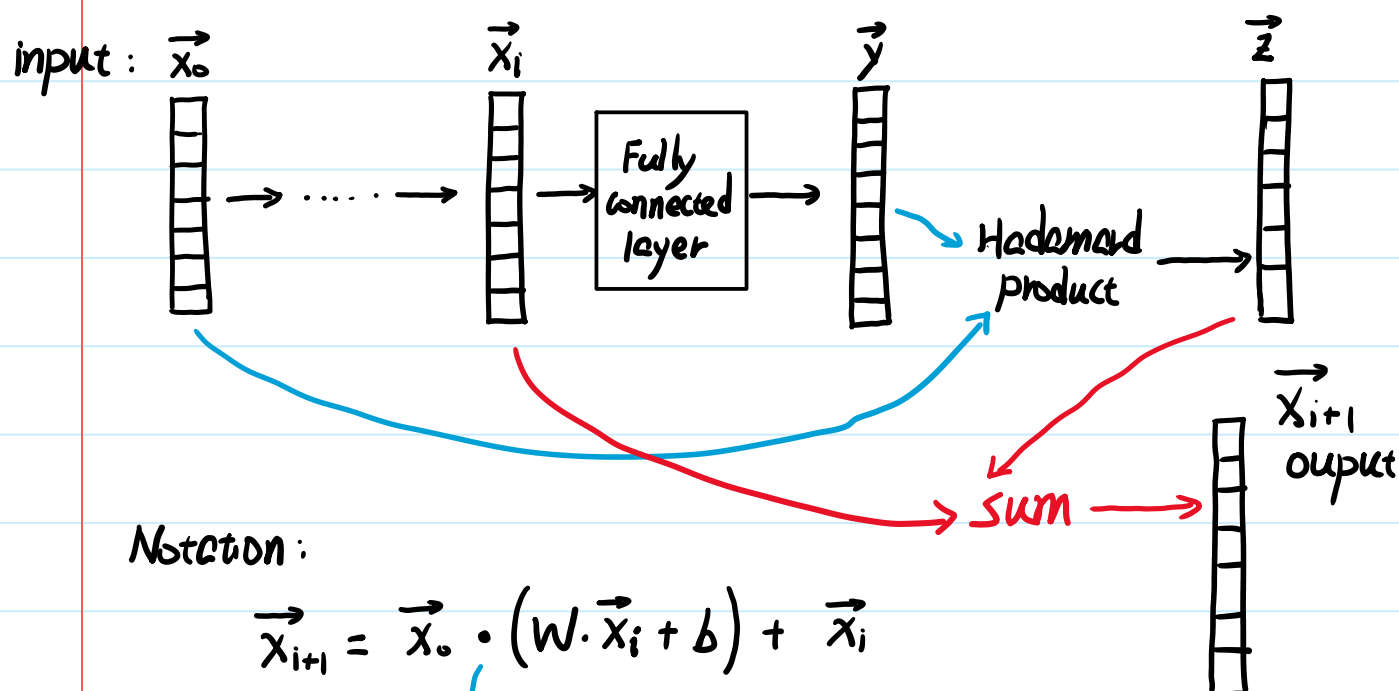


# Deep & Cross Network

Friday, April 5, 2024

6:19 PM

## Cross Layer:

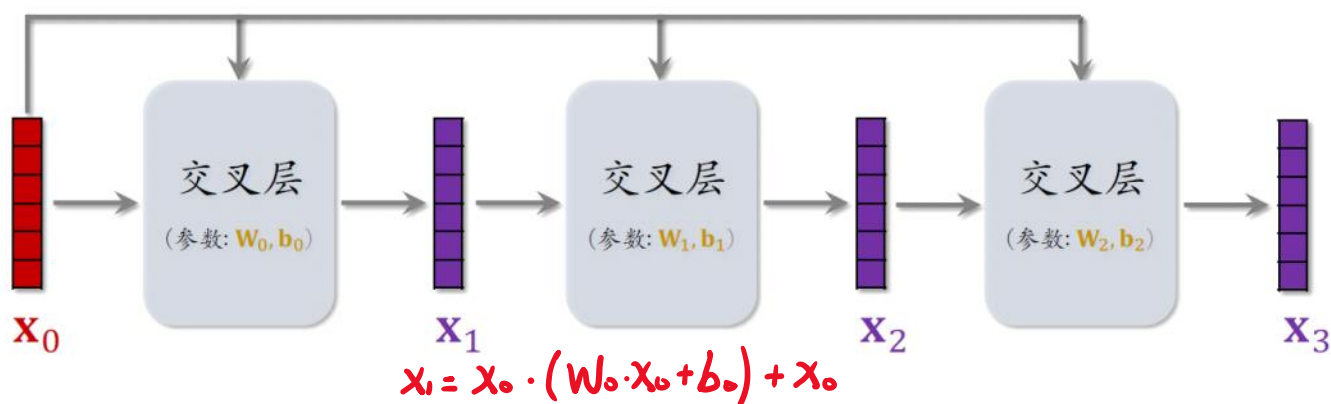


Notation:

$$\vec{x}_{i+1} = \vec{x}_0 \cdot (W \cdot \vec{x}_i + b) + \vec{x}_i$$

Hadamard product

## Cross Network:



(Picture from Shusen Wang on Bilibili)

# Deep & Cross Network

Friday, April 5, 2024

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## Deep & Cross Network:

