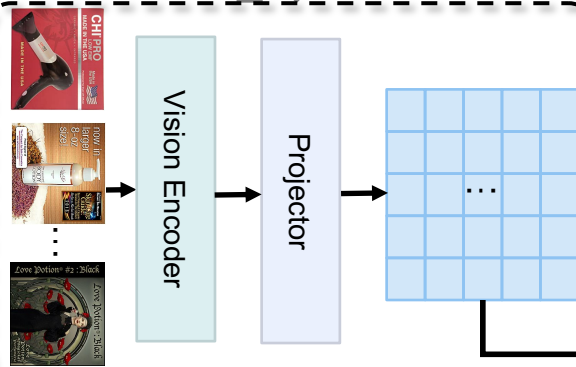
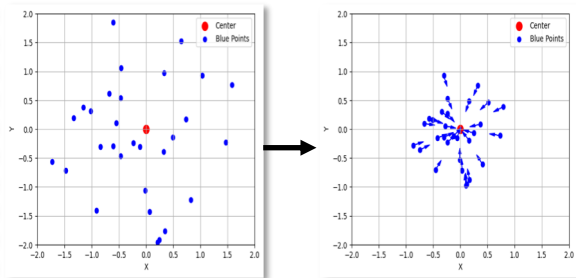


## Commonality Retrieval Mechanism (CRM)



SASRec / GRU4Rec / ...

Matmul

Softmax

Mask

Scale

Matmul

**Cross  
Attention  
Fusion  
Mechanism  
(CAFM)**

$V$

$K$

$Q$

ID Encoder

$\langle 12 \rangle$

$\dots$

$\langle 41 \rangle$

$\langle 25 \rangle$