#1 1/1-1/2/n -> Z-...Zn process

input Thinking

em regging x, [____

Score

divide by &

(191)

Soffmy

0,98

Machine

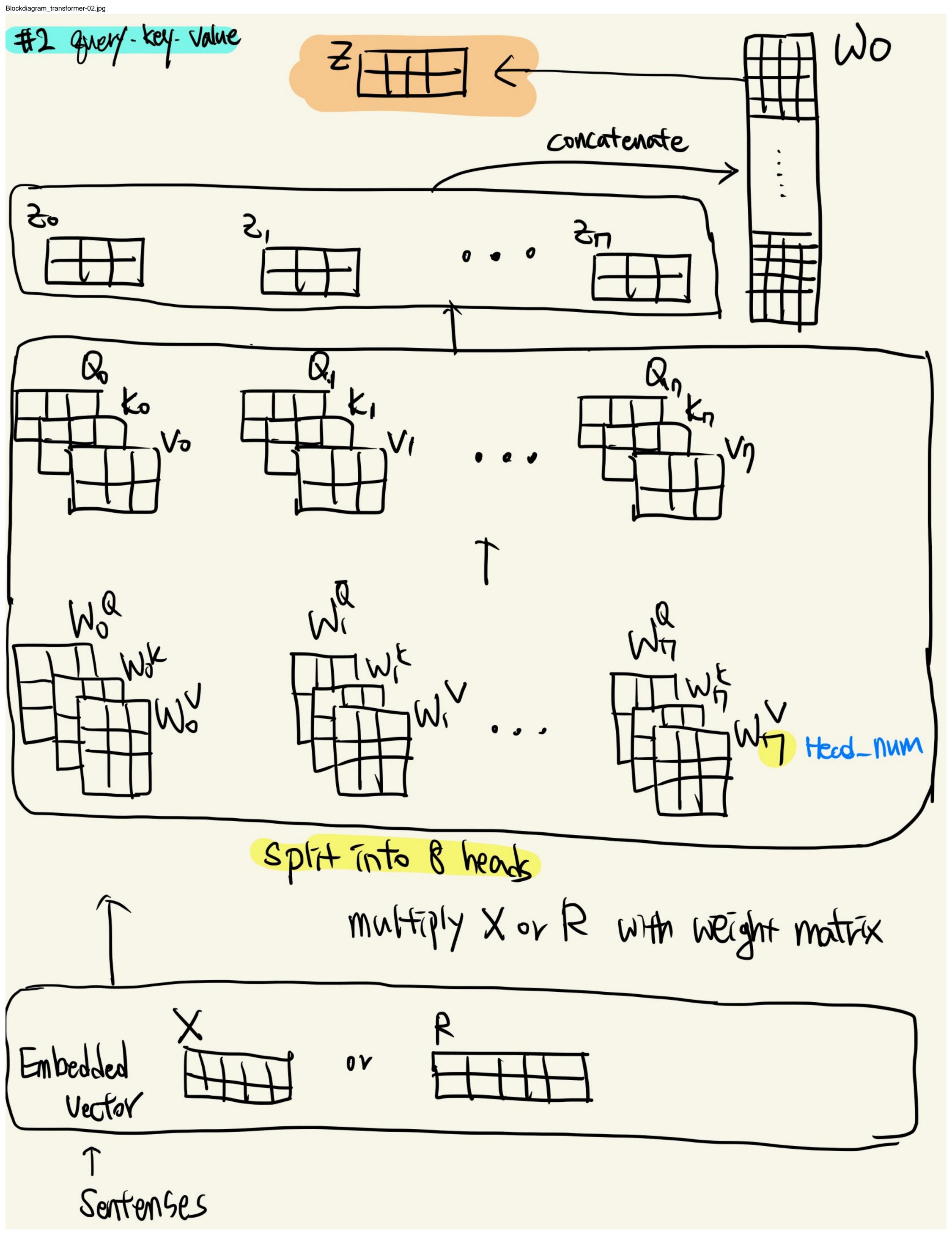
g, · Kz=96

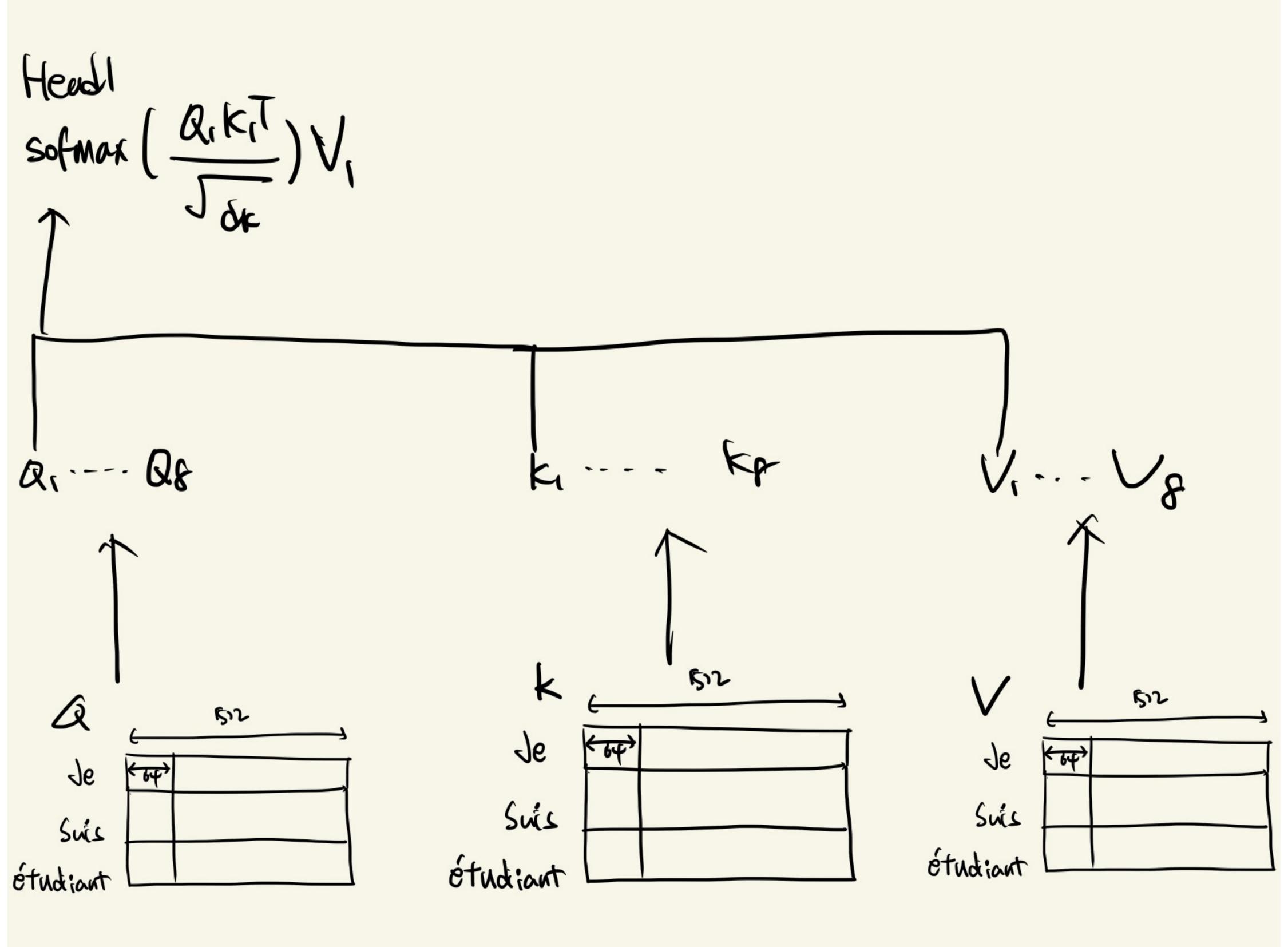
12

0.12

value

Z = Softmax (Q.KT)

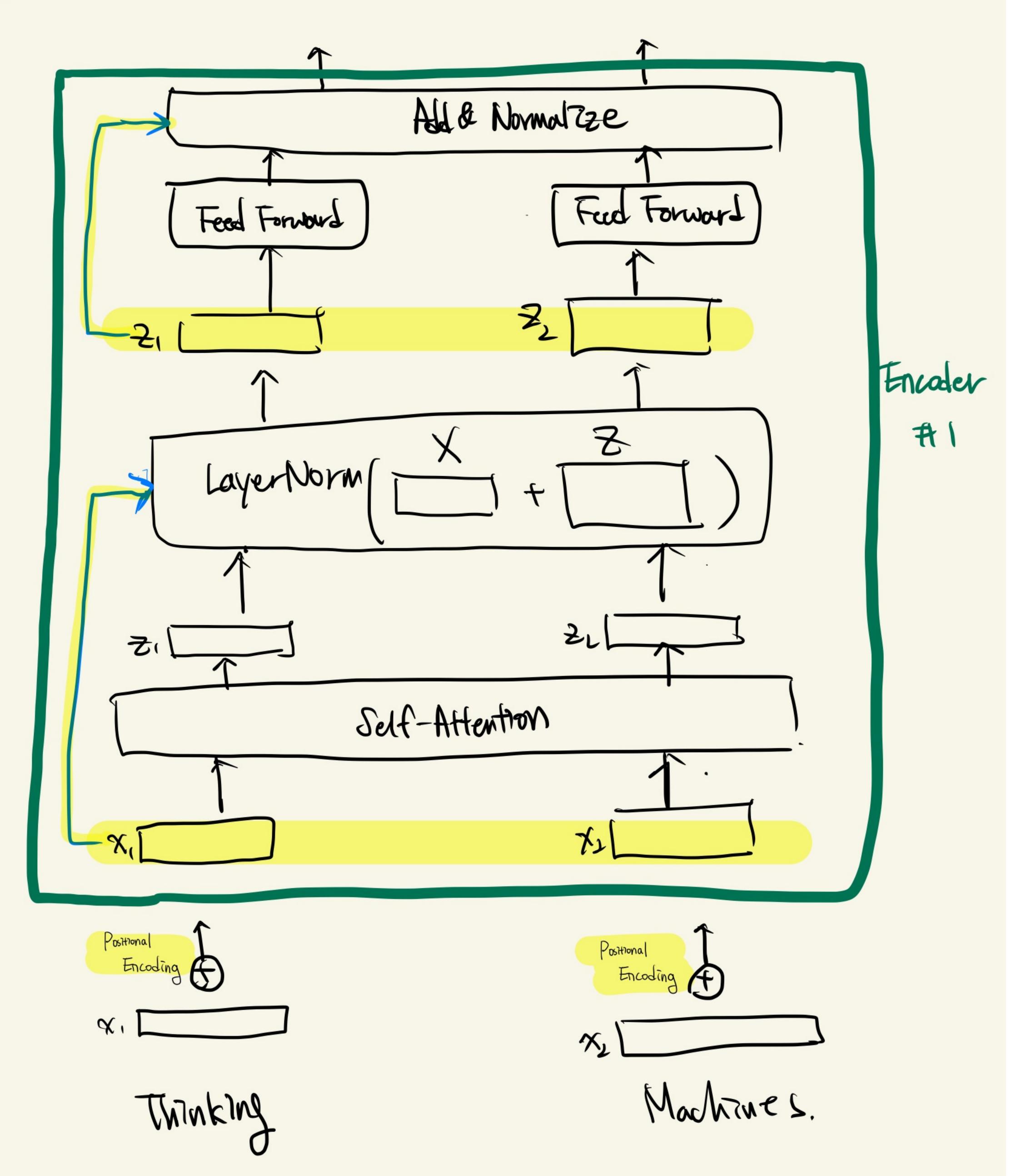




X		かと	
Je	← 64		
Suts			
étudiant			

Blockdiagram_transformer-04.jpg

#3 Encoder



#4. Forward.

Blockdiagram_transformer-05.jpg

MM. Dropout Mn. Linear (nembed *4, nembed) m. GEW Activate Func nn. Liear (n-embed. n-embed *44) (n-embed, n-embed)

Blockdiagram_transformer-06.jpg ## Entire block Kencdec Vencdec Softmax Encoder#2 Linear (Logit) Downder# 2 Add & Normalize Add & Normalize Foed Forward, permund-pass Add & Normalize Feed Forward) Food Forward Encoder-Decoder Attention 958 Lawrold & BEA Add & Normalize self-Attertion self-Affention Deroger Encoder #1 ENCOTING bosthoner * end of sentence nix, the * earlier position was allowed (-inf) Machine Thronking

Blockdiagram_transformer-07.jpg

A5 GPT-devoler concept-andirectional.

