921 U2620 HW5

TOTAL POINTS

4 / 4

QUESTION 1

1 Visualize Positional Embedding **2 / 2**

  ✓ **- 0 pts** *correct*

  - 1 pts Visualize the positional embedding, not the similarity matrix of positional embedding.

  - 1 pts Get the correct similarity matrix but no visualization.

  - 2 pts wrong

QUESTION 2

2 Gradient Explosion **2 / 2**

  ✓ **- 0 pts** *Correct*

  - 1 pts Wrong point is circled.

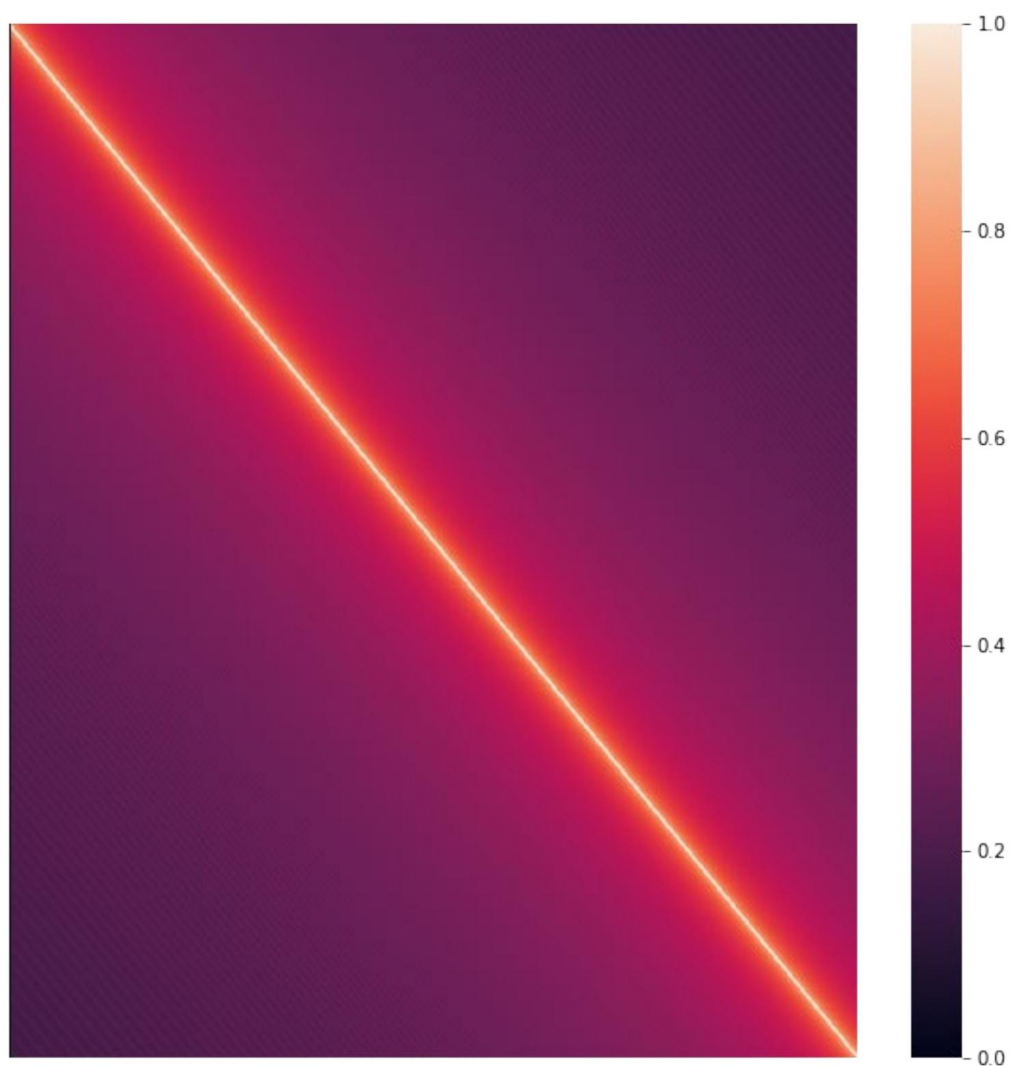 **- 1 pts** No point is circled.

  - 0.5 pts Incomplete plot.

  - 0.5 pts Provided plot is unclear.

  - 2 pts Given graph is unrelated to the problem
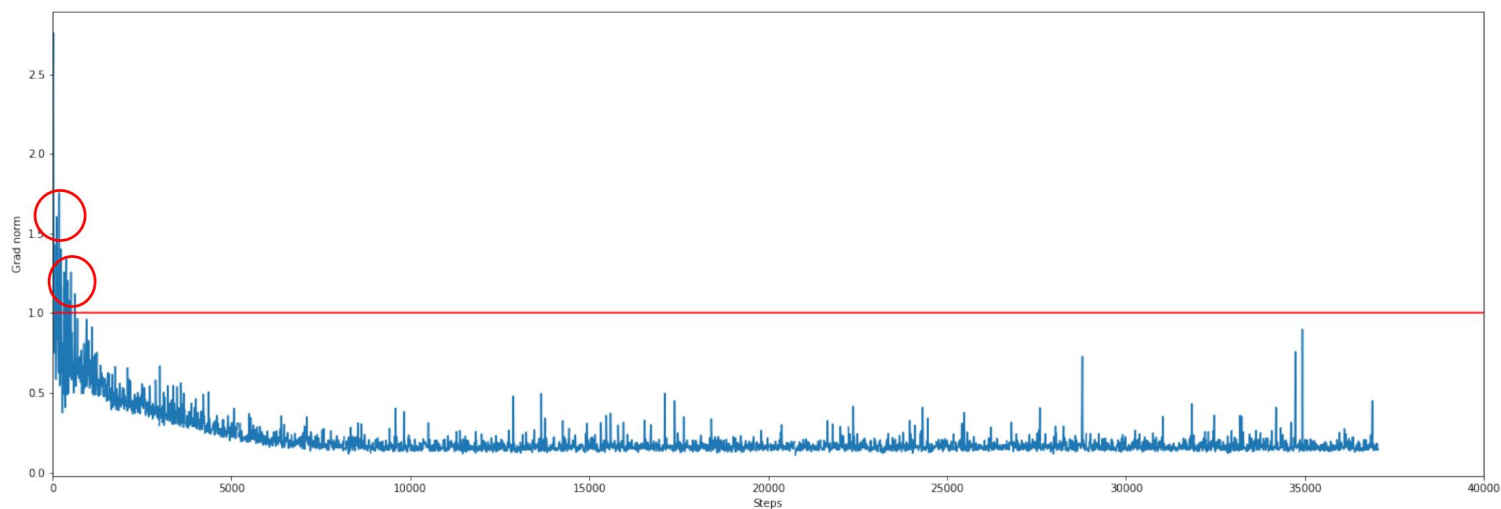
  - 2 pts Not answered.

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1.

我用 Transformer 的 Encoder, Decoder 後所得到的結果，大致上斜對角有呈現 similarity = 1，
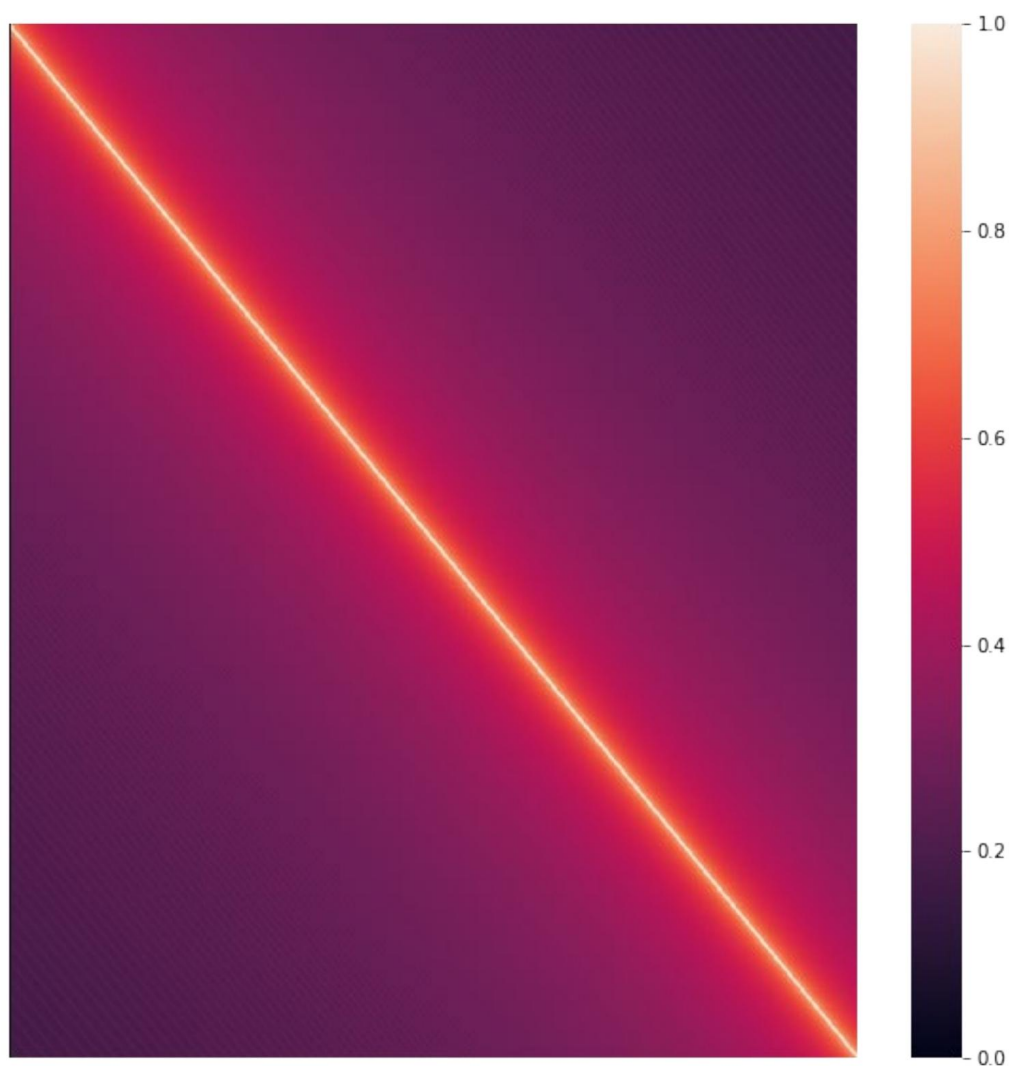而且可以得知每個位置都跟自己附近的幾個位置有比較大的相關性。

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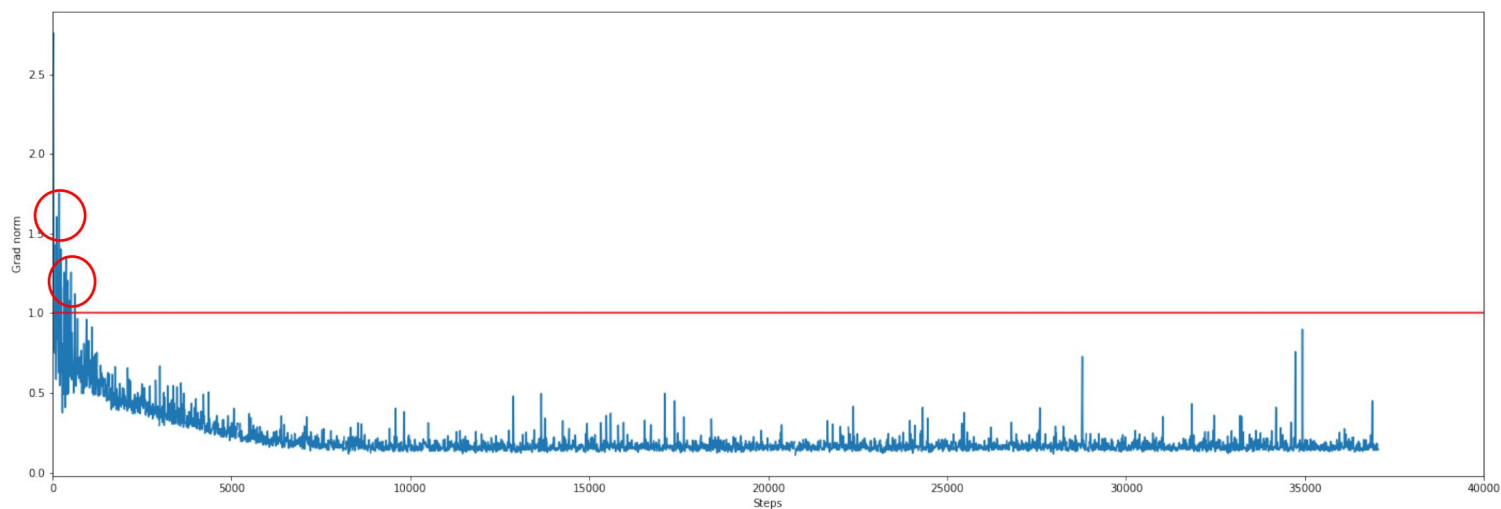
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2 Gradient Explosion 2 / 2

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