Transformer[illegible]

1. [illegible]
2. [illegible]
3. scaling[illegible]
4. “[illegible]”[illegible] GPU[illegible] GPU[illegible]
5. [illegible] nlp[illegible] token[illegible] [illegible] [illegible]
6. [illegible] token[illegible]
    1. [illegible] kq[illegible] token[illegible] v[illegible]
    2. [illegible] kqv[illegible] sequence[illegible]
    3. [illegible]
    4. weight[illegible]

[illegible]

1. [illegible]
2. [illegible]
   [illegible] AGI[illegible] AGI[illegible]
3. Transformer
   [illegible]

Attention

1. [illegible] token[illegible] token[illegible] key[illegible] value
    1. [illegible] [illegible] [illegible]
        1. [illegible]
        2. [illegible] [illegible] [illegible]
    2. [illegible] KV cache[illegible]
2. [illegible]
3. [illegible]
4. [illegible] attention[illegible]
    1. [illegible] O(T)[illegible] O(1)[illegible]
        1. Transformer [illegible] O (T^2)[illegible] O (T^2)
        2. RWKV[illegible] status[illegible] ,[illegible]
           O(T)[illegible] O(1)
    2. [illegible] token
       [illegible]
    3. [illegible]
        1. MOE[illegible] CoT[illegible] [illegible]

5. [illegible] FFN[illegible]
6.

System2

1. Transformer[illegible] System 2[illegible] RL+CoT[illegible] [illegible]
2.

[illegible] API

1. transformer[illegible] attention[illegible] [illegible] [illegible]
2. attention[illegible]
3. [illegible] token[illegible]
4. [illegible]
5. [illegible]
6. [illegible]
    1. [illegible] transformer[illegible]
    2. [illegible]

[illegible]

LLM
[illegible]

[illegible] LLM
[illegible] [illegible]

[illegible] AI[illegible]

[illegible]

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