

CoRE-Eval

Cycle Detection (step 192)

Period = 2; $\rho_t = -0.309$

{87.4, 51.0, 48.7, 46.2, 88.1, 51.3},
{48.7, 46.2, 88.1, 51.3, 48.3, 46.1}.

Period = 3; $\rho_t = -0.467$

{87.4, 51.0, 48.7, 46.2, 88.1},
{46.2, 88.1, 51.3, 48.3, 46.1}.

Period = 4; $\rho_t = 0.895$ ✓

{87.4, 51.0, 48.7, 46.2},
{88.1, 51.3, 48.3, 46.1}.

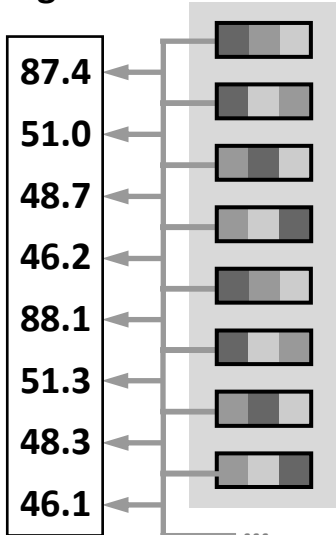
Pearson correlation ρ_t

stable for M steps.

Composite

Signal

Latent Space



Mag[1-cos(Ang)]

Question

Evaluate $\$(1 + 2i)6 - 3i\$$.

Original Long CoT



Cognitive Overload

Step 184: "Wait, perhaps I made a mistake in the binomial expansion",

Step 185: "Wait, let me compute $(1 + 2i)^6$ using the binomial...",

Step 186: "Wait, perhaps I can compute $(1 + 2i)^6$ using the binomial...",

Step 187: "So, which is correct",

Step 188: "Wait, perhaps I made a mistake in the binomial expansion",

Step 189: "Wait, let me compute $(1 + 2i)^6$ using the binomial...",

Step 190: "Wait, perhaps I can compute $(1 + 2i)^6$ using the binomial...",

Step 191: "So, which is correct", (8192 tokens)

...Loop

No Answer

CoRE-Eval CoT



Metacognition

Step 191: " So, which is correct ", STOP

(4429 tokens)

</think> Final Answer: <Conclusion> \boxed{6 + 9i}

