

# 2025 USA-NA-AIO Round 2, Problem 3, Part 12

USAAIO 

May 2025

## Part 12 (5 points, non-coding task)

Explain why we use  $\log \tau$  as an attribute, not  $\tau$ .

USAAIO 

May 2025

Misplaced '#'

$\log \tau$  can take all real values. So we do not have to worry about its range.

However,  $\tau$  must be positive. Hence, if we use  $\tau$ , we always need to take care of its domain.

"" END OF THIS PART ""

### ✦ Related topics

| Topic                                       | Replies | Activity |
|---|---------|----------|
| 2025 USA-NA-AIO Round 2, Problem 3, Part 20 | 1       | May 2025 |

 Topics

 My posts

 More

▼ CATEGORIES


General

Site Feedback

 All categories



Skip to main content

| Topic   | Replies | Activity |
|---|---------|----------|
| USAAIO General Questions  | 8       | 12d      |
| 2025 USA-NA-AIO Round 2, Problem 1, Part 6  | 1       | May 2025 |
|  About the AI Olympiads category | 0       | Jan 2025 |
| 2025 USA-NA-AIO Round 1, Problem 3, Part 10   | 1       | Mar 2025 |

 Powered by Discourse