



International Astronomy and Astrophysics Competition

Feedback Report 2025

Participant: Leonardo Daniel Lima De Veras (4. October 1999, Brazil)

Age Group: Senior (17 Points required to pass)

Round: Qualification Round

Score: 15 / 25 Points

Result: Failed

Problem A (4 Points)

– 1 Points · Missing: Deduct 1 point if Secondary Mirror (or similar name) is missing

Problem B (4 Points)

– 1 Points · Missing: Correctly calculates scaled distance to Alpha Centauri

Problem C (5 Points)

Correct.

Problem D (2 Points)

– 2 Points · Missing: Correctly derives the deceleration parameter q based on beta
– 0.5 Points · Missing: Correctly computes the deceleration parameter q
– 0.5 Points · Missing: Correctly interprets the value of the deceleration parameter

Problem E (0 Points)

– 2 Points · Missing: Correctly describes comet materials
– 2 Points · Missing: Correctly explains how comet tails form

- 1 Points · Missing: The text is coherent and clear.

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