Homework 19 (Chap. 11.10),

March 30, 2020

Problem 2 score: 10/10

good.

Problem 8 score: 10/10

good.

Problem 25 score: 10/10

good, but you were NOT asked to find convergence radius.

Problem 28 score: 10/10

good, but in general the notation

$$\text{some predicate of } x \quad \forall x$$

is discouraged and should be replaced by

$$\forall x, \quad \text{some predicate of } x$$

also, it's better to write explicitly $\forall x \in \mathbb{R}$.

Problem 34 score: 5/10[1]

You only proved that radius of convergence is ≥ 1.

Problem 43 score: 10/10

good

Problem 55 score: 10/10

good

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[1]similar problems: 35,36

Problem 66 score: 10/10

good

Problem 69 score: 10/10

good

Problem 69 score: 10/10

good

Problem 74 score: 10/10

good

Problem 84 score: 4/10[2]

How (where?) did you prove that derivatives of all orders are equal to zero?
(you checked only first and second)
    Where is part b)?

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[2]similar problems: 85,86