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Precision

1分

Consider the following

$$(1) \quad \sqrt{x^2 + 1} - x \qquad (2) \quad \frac{1}{\sqrt{x^2 + 1} + x}$$

Which of the following statements is true under IEEE double-precision arithmetic?

选项*

- ☐ For positive x , the second expression will be less accurate.
- ☐ For positive x , the first expression will be less accurate.
- ☐ For all x , the second expression is never less accurate.
- ☐ For all x , the first expression is never less accurate.

保存回答

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