结束»

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## **Taylor Series Example**

Let's try an example.

Take the function

$$f(x) = \ln(1+x)$$

Now do the following:

- 1. expand about x = 0
- 2. plot f(x) on say [-1.5, 1.5]
- 3. plot several expansions
- 4. what do you observe? Is the Taylor Series convergent?