

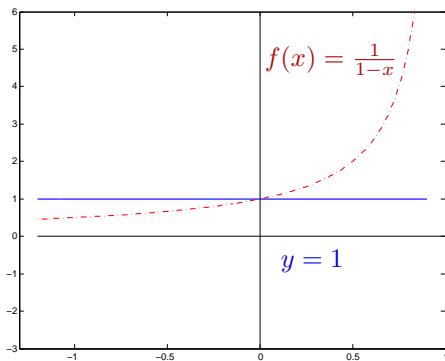
# Serie di potenze

March 13, 2015

# Successione della serie geometrica

Esempio:

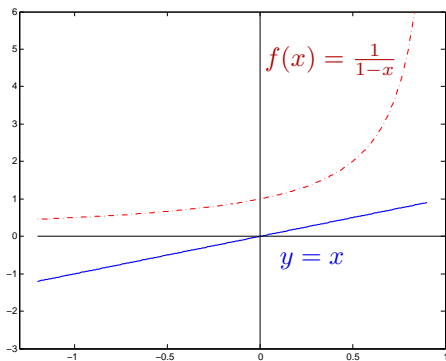
$$\sum_{n=0}^{+\infty} x^n = 1 + x + x^2 + x^3 + \dots = \frac{1}{1-x} \quad \text{per } x \in (-1, 1)$$



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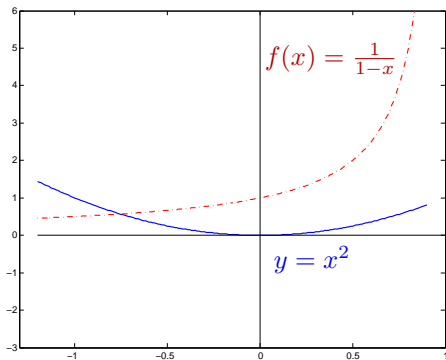
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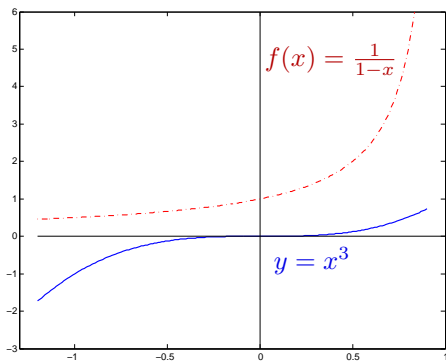
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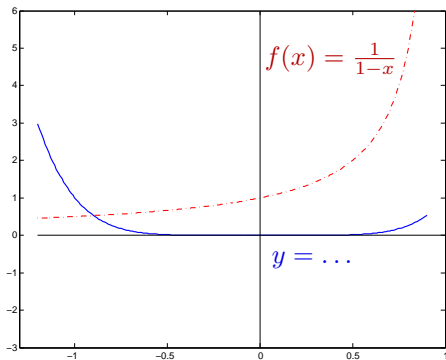
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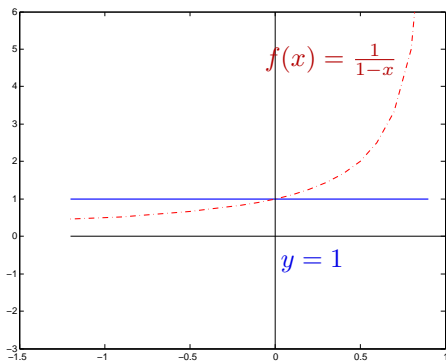
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# Somma della serie geometrica

Esempio:

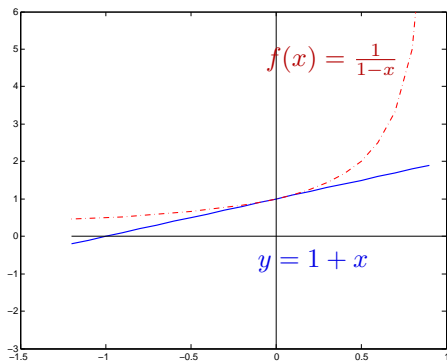
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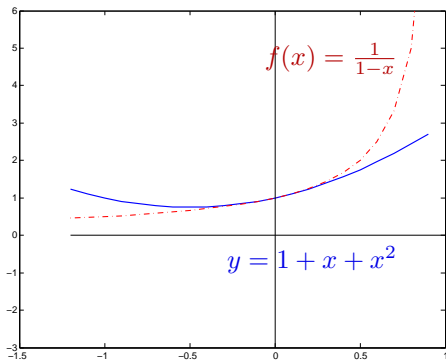




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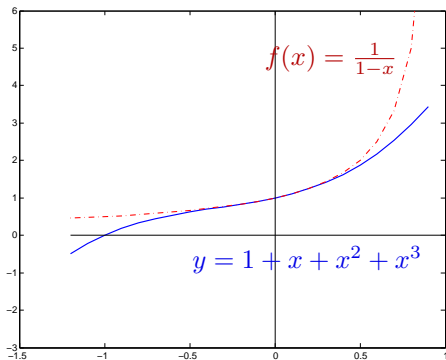
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