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Math 2020, Winter 2007, Quiz 13
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1. If you know that $f^{(n)}(0) = 2^n n!$, what is the Taylor series for $f(x)$?

2. What is the radius of convergence of $f(x)$?

3. If $g(x) = \sum_0^\infty \dfrac{x^n}{(2n+1)!}$ find $g^{(n)}(0)$.

4. Find the radius of convergence of $g(x)$.