Math 19A
Calculus for Science, Engineering, and Mathematics

Jan 31, 2000

Calculus for Science, Engineering, and Mathematics Winter 2000, UCSC $\,$

QUIZ 4	Time: 15mir

- 1. Use the ϵ - δ definition of the limit to prove that $\lim_{x\to 2} x^2 + 2 = 6$.
- **2.** Prove that $\lim_{x\to 0} x^4 \cos \frac{2}{x} = 0$.

Each problem is worth 5 points.