

QUIZ 7

1. (3 points) Does $\sum_{n=1}^{\infty} \frac{(-1)^n}{\sqrt{n}}$ converge absolutely? Conditionally?

2. (3 points) Does $\sum_{n=1}^{\infty} \frac{\cos(n) + 3}{n^3 + \sqrt{n}}$ converge?

3. (4 points) Does $\sum_{n=1}^{\infty} \sin(1/n^2)$ converge?