

R. Bruner
Math 2020, Winter 2007, Quiz 11
4 April 2007

Determine whether or not the following series converge absolutely, converge conditionally, or diverge, and explain how you know.

(1) $\sum (-1)^n \frac{\sqrt{n}}{n+1}$ (2) $\sum (-1)^n \frac{3^n}{2^n n^2}$ (3) $\sum (-1)^n \frac{2^n}{n^n}$