

Reminders

- ▶ The second exam takes place on Wednesday, March 28.
 - ▶ Material covered: sections 2.3, 2.4, 2.5, 2.6.1, 2.6.2, 3.1.
 - ▶ Please bring your own paper to work on.
- ▶ Classes do not meet on Friday, March 30.

Some examples of series

- ▶ p -series: $\sum_{n=1}^{\infty} \frac{1}{n^p}$: converges when $p > 1$, diverges when $p \leq 1$.
- ▶ geometric series: $a + ar + ar^2 + \dots$ or $\sum_{n=0}^{\infty} ar^n$. Converges when $|r| < 1$, diverges when $|r| \geq 1$
- ▶ alternating series