$\frac{2}{3} - \frac{2}{5} + \frac{2}{7} - \frac{2}{9} + \frac{2}{11} - \dots = \sum_{n=1}^{\infty} (-1)^{n+1} \frac{2}{2n+1}.$ Now $b_n = \frac{2}{2n+1} > 0$, $\{b_n\}$ is decreasing, and $\lim_{n \to \infty} b_n = 0$, so the series converges by the Alternating Series Test.