

Homework Set 23 (part 2)

Determine the convergence of each series below.

$$\sum \left(\frac{2n+1}{n-5} \right)^n$$

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

$$\sum \frac{e^{2n}}{n^n}$$

$$\sum (2^{\sqrt[3]{n}} + 1)^n$$

$$\sum \frac{5^{n/2}(-2n)^{3n}}{(1 + \ln(n))^n}$$