

Homework 19
Calculus II

Due April 22, 2026
Prof. Nollet

A sequence $\sum a_n$ converges *conditionally* if it converges, but does not converge absolutely.

Section 9.8 # 4, 5, 8, 9, 14, 19, 27, 30, 31, 34

13. Pattern for coefficients should be easy for this one.

#18. Only the even terms are nonzero, so try powers x^{2n} .

#19. Very similar to #19.

#25. Easy because terms become all zero quickly

#30. Tricky to find the pattern for the coefficients on this one! You can write it as a short product if you spot the pattern.

#56. Here the coefficient pattern is easy.