Partial Product

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1 Introduction

When looking at the results from the code, we were able to see that as we continued to increase the degree of the polynomial, our function would converge faster. Also, we were able to see that if we set f(x) equal to 1 divided by a polynomial divided by another polynomial ((1/polynomial) / polynomial), we would also see the function converge faster. To see a function diverge fast, we would take the polynomial for f and divide it by the polynomial for g.

For the second infinite product, we can see that the function is oscillating.