

# Analysis of Rotationally Symmetric Polynomials

Richard Carson Derr (cakub6@gmx.com)

2022-12-16

## **Abstract**

Others have already studied the rotational symmetry of the graphs of polynomial function. There approach relied heavily on differential calculus. In this paper, we focus on developing an algebraic based framework to categorize the rotational symmetries of certain functions. Then, conclude with an application of this framework on the set of polynomial functions.