

THE KRZYŻ CONJECTURE, REVISITED

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ABSTRACT. The Krzyż conjecture concerns the largest values of the Taylor coefficients of a non-vanishing analytic function bounded by one in modulus in the unit disk. It has been open since 1968 even though information on the structure of extremal functions is available. In this talk I will report on joint work with Martín, Sawyer, and Vukotić in which we exhibit 17 conditions that are equivalent to the conjecture itself. This may provide several possible starting points for future attempts at solving the problem.

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