## 1125-30-1312Catherine Beneteau\* (cbenetea@usf.edu), Dmitry Khavinson, Constanze Liaw, Daniel<br/>Seco and Brian Simanek. Jentzsch-type theorems for optimal polynomial approximants.

Recall the theorem of Jentzsch that states that if a Taylor series for a function f has radius of convergence 1, then every point on the unit circle is a limit point of the zeros of the corresponding Taylor polynomials. In this talk, I will examine analogous results examining accumulation points of the zeros of optimal polynomial approximants to reciprocals of functions in certain Hilbert spaces of analytic functions in the unit disk. (Received September 16, 2016)