ANALYSIS AND NUMBER THEORY SEMINAR

Newman-Rivlin Asymptotics for
Partial Sums of Power Series

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WHEN: Fri 29 May 2015, 1:30 p.m.

WHERE: Chase 319

ABSTRACT:

We discuss analogues of Newman and Rivlin's formula concerning the ratio of a partial sum of a power series to its limit function and present a new general result of this type. The main tool used in the proof is a Riemann-Hilbert formulation for the partial sums. What is a Riemann-Hilbert thing, you ask? Hopefully you will find out!

Any questions, please e-mail: rnoble@mathstat.dal.ca.