



Analysis Seminar

“Faber bases in spaces of continuous functions on small sets”

By

Alexander Goncharov

Abstract: Polynomial topological basis $(P_n)_{n=0}$ in a function space is called a Faber basis if $\deg P_n = n$ for each n . Due to Faber, the space $C[0,1]$ does not possess such bases. On the other hand, Faber bases were presented for some spaces of continuous functions defined on small compact sets. We review related results and discuss open problems in the field.

Date: Tuesday, November 13, 2018

Time: 16:00-17:00

Place: Mathematics Seminar Room, SA – 141

Tea and cookies will be served before the seminar.