Pure Mathematics Seminar

The Gelfand Theory Unplugged

Dr. Robin Harte

Department of Mathematics, Istanbul Ticaret University
Uskudar, Istanbul, Turkey

The electricity that powers the Gelfand theory is Zorn's lemma and "maximal ideals", together with the Gelfand-Mazur lemma, which says that maximal ideals are always generated by bounded multiplicative linear functionals. The "unplugged" version bypasses maximal ideals, and proceeds via the spectral mapping theorem for finite and infnite systems of Banach algebra elements.

Keywords: Statistical Convergence, λ- statistical convergence, Cintuitionistic fuzzy 2-normed space.

References:

[1] H. Fast, "Sur la convergence statistique, Colloq. Math. 2(1951), 241-244.
[2] I. J. Schoenberg, "The integrability methods, Amer. Math. Monthly, 66(1959), 361-375.
[3] T. Salat, "On statistically convergent sequences of real numbers, Math Slovaca, 30.2(1980), 139-150.
[4] J. A. Fridy, "On statistical convergence, Analysis, 5(1985), 301-313.
[5] S.A. Mohiuddine and Q.M. Danish Lohani, "On generalized statistical convergence in intuitionistic fuzzy normed space, Chaos, Solitons & Fractals, 42.3(2009), 1731-1737.

Date: **Friday, January 20, 2017**
Time: **12:00 pm**
Place: **Edinburg:** EMAGC 1.302, **Brownsville:** BLIBR 2.206

The talk will delivered live at the *Edinburg* campus and will be streamed to the Brownsville campus

Coffee and cookies will be served.

For further information or for special accommodations, please contact Dr. Sergey Grigorian via email at [sergey.grigorian@utrgv.edu], or Dr. Alexey Garber at [alexey.garber@utrgv.edu], or visit the webpage http://www.utrgv.edu/math/news-events/seminars/puremath/index.htm