Σεμινάριο: Συναρτησιακή Ανάλυση και Άλγεβρες Τελεστών
Συνέχεια στο Διαδίκτυο

Τρίτη Διάλεξη: Παρασκευή 15 Μαΐου, ώρα 17:00

Ομιλητής: Ευγένιος Κακαριάδης

Τίτλος: An application of Dilation Theory to the representation theory of semigroups

Περίληψη: A group is called amenable if the left regular representation is universal with respect to unitary representations. By now amenability of groups has been under thorough analysis; among others amenability is equivalent to the faithfulness of the conditional expectation of the full group C*-algebra. Nica realised that a similar theory could be developed for the left regular representation of a semigroup, when the semigroup admits a quasi-lattice structure. In the beginning of the 2000s Crisp and Laca studied in particular Artin monoids and deduced that the right angled Artin monoids are Nica-amenable, while there are Artin monoids which are not. In a recent work Laca and Li complete this study by showing that the right angled Artin monoids are the only ones that are Nica-amenable. In this talk we will present their proof which makes a use of a Dilation Theory result of Li.

Πλατφόρμα Zoom. Συντεταγμένες σύνδεσης:

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