

SIGML

SPECIAL INTEREST GROUP IN MACHINE LEARNING

Title: Random Features for Large Scale Kernels

Speaker: Chirag Gupta (Senior Undergraduate Student)

Day: September, 10 2015, Thursday

Time: 12:00 PM

Venue: KD101 (CSE main)

Abstract

I will be presenting Rahimi and Recht's pioneering result in Kernel Learning - <http://www.eecs.berkeley.edu/~brecht/papers/07.rah.rec.nips.pdf> . It will be a 50-minute talk on Thursday, at 5pm, in KD101, CSE department.

The proof of the main result is based in Fourier analysis, and it would be difficult to delve into the details. We will however try to understand the wide-ranging applications of this work. I will also prove the convergence bound given in the appendix - this should be very interesting for those interested in Learning Theory.