

Lecture Notice
Department of Electrical Engineering

Bernstein's proof of the Weierstrass approximation theorem

6th April, 4-5 pm at MMRC

Abstract

We will look at Bernstein's constructive proof of the Weierstrass approximation theorem. In particular, we will see how the language of probability provides us with a clear insight into the proof mechanism. Time permitting, some generalizations of the theorem will be discussed. The talk is based on standard material.

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Dr. Kunal Narayan Chaudhury is currently an Assistant Professor in the Department of Electrical Engineering, Indian Institute of Science. His research interests include image processing, computer vision, fast algorithms, and numerical optimization. He is a member of IEEE and SIAM, and a Senior Editor of the SPIE Journal of Electronic Imaging.