

PAWEŁ WÓJCICKI

Warsaw University of Technology, POLAND

Email: pawel.wojcicki@pw.edu.pl

Reproducing kernel Hilbert spaces generated by some elliptic operators

In this talk, reproducing kernel Hilbert spaces generated by some elliptic operators will be defined.

The problem of existence of a corresponding reproducing kernel will be referred to the regularity of a considered elliptic operator.

Connections between reproducing kernels of considered Hilbert spaces and Green's functions of their corresponding elliptic operators will be described.