

THE FOURIER-BOHR SERIES OF A PSEUDO ALMOST PERIODIC MEASURE

Silvia-Otilia CORDUNEANU

Abstract

We define the Fourier-Bohr coefficients of a pseudo almost periodic measure and we establish some of their properties. We also define the Fourier-Bohr series of a pseudo almost periodic measure and we write the corresponding series for the convolution of a bounded measure and a pseudo almost periodic measure.

Finally, we study two convergent Fourier-Bohr series, and we establish a property of their sums.