

Almost everywhere convergence of sequences of (C, α) means of m -adic Fourier series of integrable functions

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This talk investigates convergence questions on compact totally disconnected groups of the m -adic integers. It is known that the Fejér means - with respect to the product system of normed coordinate functions of continuous irreducible unitary representations of the coordinate groups - of an integrable function on these groups converge to the function a.e. In this talk we look at the above convergence for (C, α) means. This is a joint work with Gy. Gát.

References

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