## CONVOLUTION EQUATIONS ON THE ABELIAN GROUP cA(-1,1)

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July 23, 2021

## Abstract

The interval j=[-1,1] turns into an Abelian group  $\cA(\cJ)$  under the group operation  $x+\cJ$   $y:=(x+y)(1+xy)^{-1},\quad x,y\in\cJ$ . This enables definition of the invariant measure  $\cD_x=(1-x^2)^{-1}dx$  and the Fourier transform  $\cD_x=$ 

## Hosted file

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