Title: The maximal operator of the Fejér means of the character system of the p-series field in the Kaczmarz rearrangement

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The main aim of this paper is to prove that the maximal operator $\sigma^{*\chi}$ of the Fejér means of the character system of the p-series field in the Kaczmarz rearrangement is bounded from the Hardy space $H_{1/2}$ to the space weak-$L_{1/2}$ and is not bounded from the Hardy space $H_{1/2}(G_p)$ to the space $L_{1/2}(G_p)$.

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