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THE PROBLEM OF ISOMETRIC EXTENSION IN THE UNIT SPHERE OF THE SPACE $s_p(\alpha, H)$

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ABSTRACT. In this paper, we consider the problem of isometric extension in the unit sphere of the space $s_p(\alpha, H)$. We obtain that Lamperti isometric mapping of the unit sphere $S(s_p(\alpha, H))$ into itself can be extended to an isometry on the whole space $s_p(\alpha, H)$.

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