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Complex-order spherical potentials in spaces of variable generalized Hölder order. (English. Russian original) Zbl 1327.31020

From the introduction: In this paper, we study the image of the spherical potential operator $K^\alpha$ and the related hypersingular integral $D^\alpha$ in spaces of variable generalized Hölder order with power weight in the case of complex orders.

MSC:
31B15 Potentials and capacities, extremal length and related notions in higher dimensions
47G10 Integral operators

Full Text: DOI

References:

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