THE MAXIMUM PRINCIPLE FOR CARLEMAN-VEKUA IRREGULAR EQUATIONS

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The maximum principle for Carleman-Vekua irregular equations has been formulated and approved, the coefficients of which belong to sufficiently wide range of functions. These spaces represent an extension of the classical spaces introduced by Vekua and a generalization of examples of functions he has explored. Find the classes of Irregular Equations of Carlemagne-Vekua for which the principle of maximum is not fulfilled. The definitions of the spaces of these functions and their properties are given.