

## **UNUSUAL CASES OF LINEAR CONJUGATION PROBLEM FOR CARLEMAN-VEKUA EQUATION**

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Homogeneous linear conjugation problem for Carleman-Vekua equation is considered, when the boundary function  $G(t)$  has zeros and poles in some points of the boundary curve. The general formula of solutions of this problem is established. This problem is studied for regular as well as for irregular equations when the coefficients belong to sufficiently wide classes of functions.