## A SPECIAL CASE OF NON-LINEAR PROBLEM OF LINEAR CONJUGATION cFOR THE CARLEMAN-VEKUA REGULAR EQUATION

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The special case of the non-linear problem of linear conjugation is analyzed for the Carleman-Vekua regular equation [1], when the G (t) boundary function has zero and poles in some boundary points. The formula for the general solution of this problem and the necessary and sufficient conditions of solvability has been established.

## References

1. G.Akhalaia, G.Giorgadze, V.Jikia, N.Kaldani, N.Manjavidze, G.Makatsaria. Elliptic systems on Riemann surfaces, Lecture Notes TICMI, vol.13, 2012