FALKNER-SKAN PROBLEMS FOR CONDUCTING
FLUID WITH STRONG MAGNETIC FIELD

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Falkner-Skan similarity problems for conducting fluid with the help of continuity equation and Greens function are reduced to solution of integro-differential equation.

The solution is find in a power series of a small parameter $\varepsilon = \dfrac{1}{N}$, where N is magnetic parameter.

Recurrences correlations are found for any approximate physical characteristics of boundary layer have been determined.