Theoretical aspects of motion of fluid around a rotating rigid body

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ABSTRACT

We derive the fundamental solution of linearized problem of the motion of viscous fluid around a rotating rigid body when the rotation of body in not parallel to the velocity of fluid at infinity.

REFERENCES

[1]   R. Farwig, R.B. Guenther, Š. Nečasová, E.A. Thomann , The Fundamental Solution of the Linearized Instationary Navier-Stokes Equations of Motion around a Rotating and Translating Body *Submitted*