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Wellposedness, control, and observability theories for partial differential equations

Variational Formulation for Euler Equation in Moving Domain

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Abstract: We extend some variational principle for Euler incompressible flow* to viscous model.

*Shape-Morphic Metrics. In M. Ruzhansky and J. Wirth, editors, *Modern aspects of the theory of partial differential equations*, volume 216 of *Operator Theory: Advances and Applications*, pages 167–189, Birkhäuser, 2011.