

## On the Euler–Voigt System in a 3D Bounded Domain

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We consider the Euler–Voigt equations in a bounded domain as an approximation for the 3D Euler equations. We show that the solutions of the Voigt equations are global, do not smooth out the solutions and converge to the solutions of the Euler equations, hence they represent a good model. [1].

### References

- [1] Luigi C. Berselli and Davide Catania. On the Euler–Voigt System in a 3D Bounded Domain: Propagation of Singularities and Absence of the Boundary Layer, Submitted.