

Examples of cases

Isothermal incompressible flows

- [2D Eddy convection in a uniform velocity field](#)
 - [2D laminar channel flow](#)
 - [2D laminar channel flow with a constriction](#)
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Incompressible flows with heat transfer (conduction & advection)

- [2D laminar channel flow containing a heated square bar](#)
- [2D channel flow with a thermally conductive square bar heated from the top wall](#)
- [2D heat-driven cavity flow](#)
- [2D Rayleigh-Bénard flow](#)

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Incompressible flows with heat transfer (conduction & advection & radiative transfer)

[3D heat-driven cavity flow coupled with Real Gas Radiation](#) </nodisp>

Low Mach number flows

- [Successive compression cycles of a 2D quasi-adiabatic cavity](#)
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Thermo-acoustics

- [2D model for the Atchley's experiment](#)

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From:

<https://sunfluidh.lisn.upsaclay.fr/> - **Documentation du code de simulation numérique SUNFLUIDH**

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Last update: **2021/05/03 15:53**

