

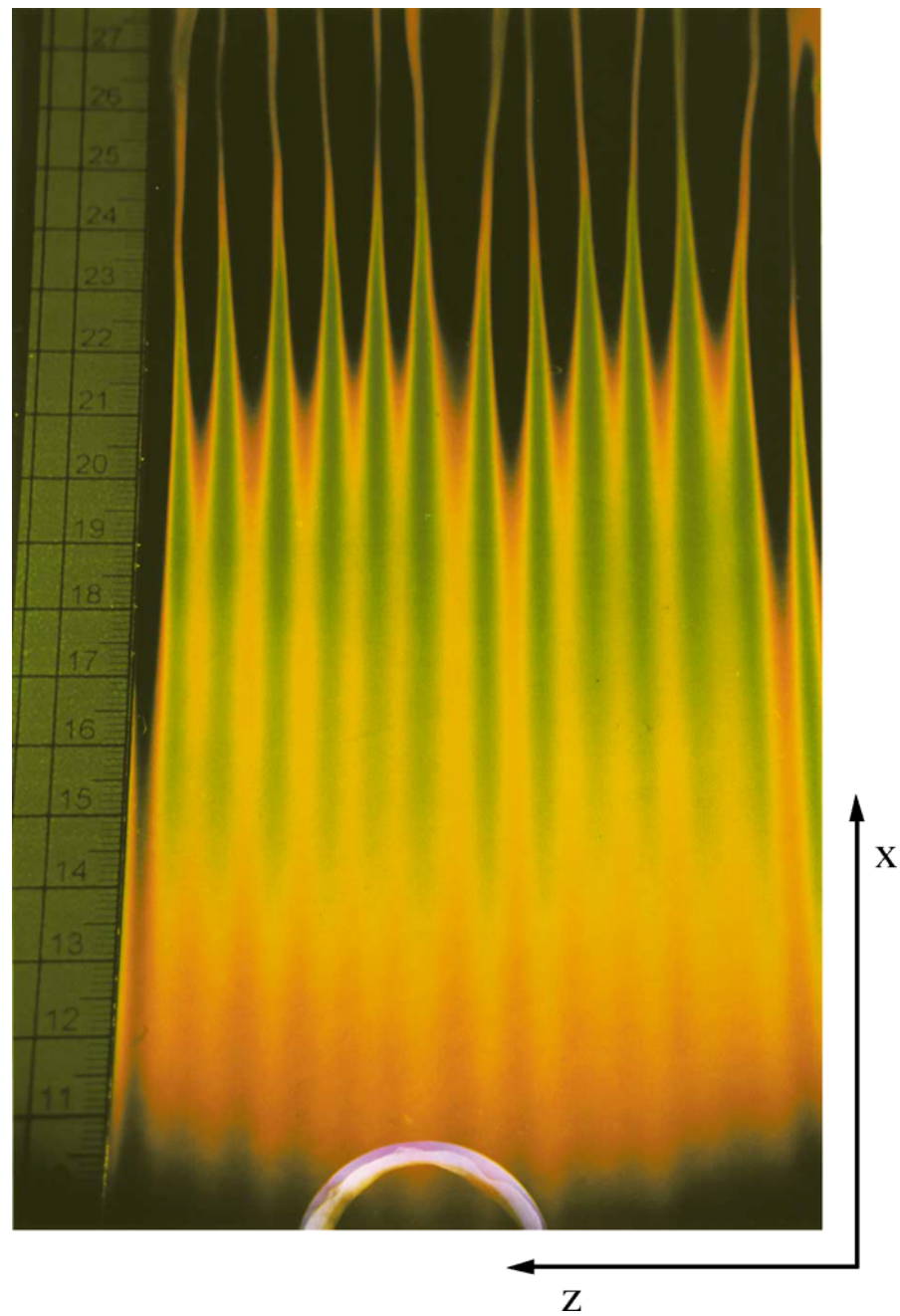
1. Wall temperatures in natural convection flow with laminar longitudinal vortices

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TLC visualization of the surface temperatures of a heated inclined ($\gamma = 20^\circ$ against the vertical) plate in natural convection. The x direction is the downflow direction. The scale on the left is in centimeters and starts at the beginning of the heated plate. The laminar and longitudinal vortices produce a regular pattern of the surface temperatures in the downflow direction. The TLC change their color with rising temperatures from red to yellow, green and blue.