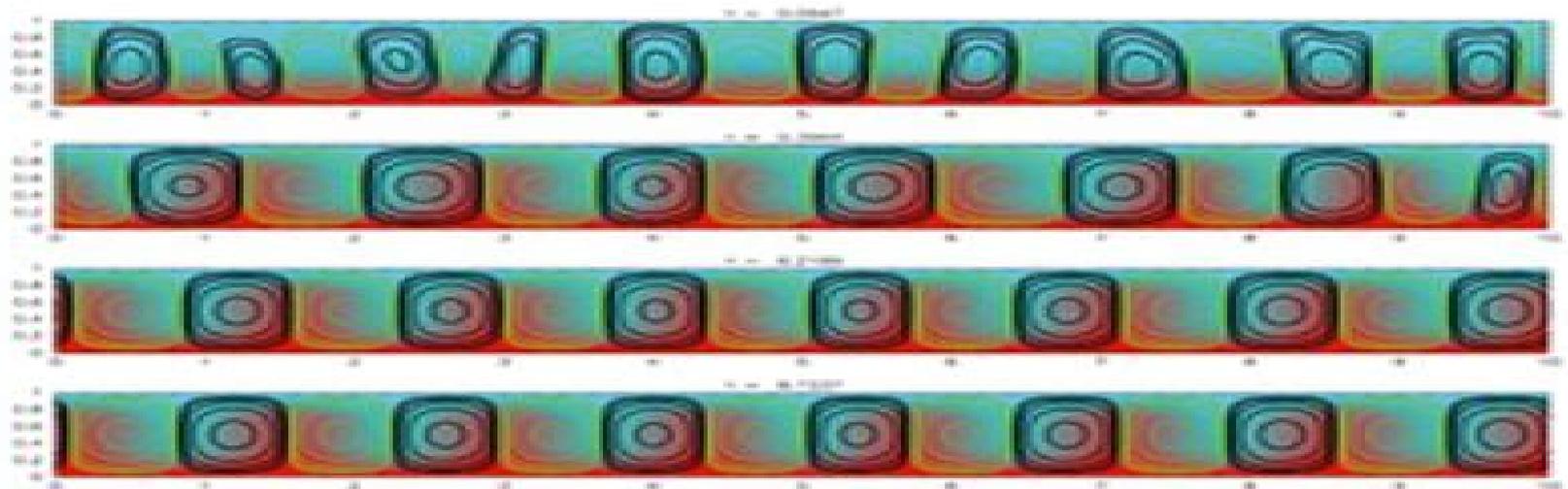


*Michael Bestehorn*

# NON-EQUILIBRIUM THERMODYNAMICS

ENTROPY, HEAT AND MASS TRANSFER



# Non Equilibrium Thermodynamics Lecture Notes

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web  $p_1 v_1 u_1 v_1^2 2 gz_1 q p_2 v_2 u_2 v_2^2 2 gz_2 w p_1 v_1 u_1 h_1$  enthalpy of steam at inlet  $p_2 v_2 u_2 h_2$  enthalpy of steam at exit  $h_1 v_1^2 2 gz_1 q h_2 v_2^2 2 gz_2 w$  generally changes in potential energy are negligible  $z_1 z_2$  if no heat is supplied from the surroundings then  $q = 0$

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