

Hands-on 2

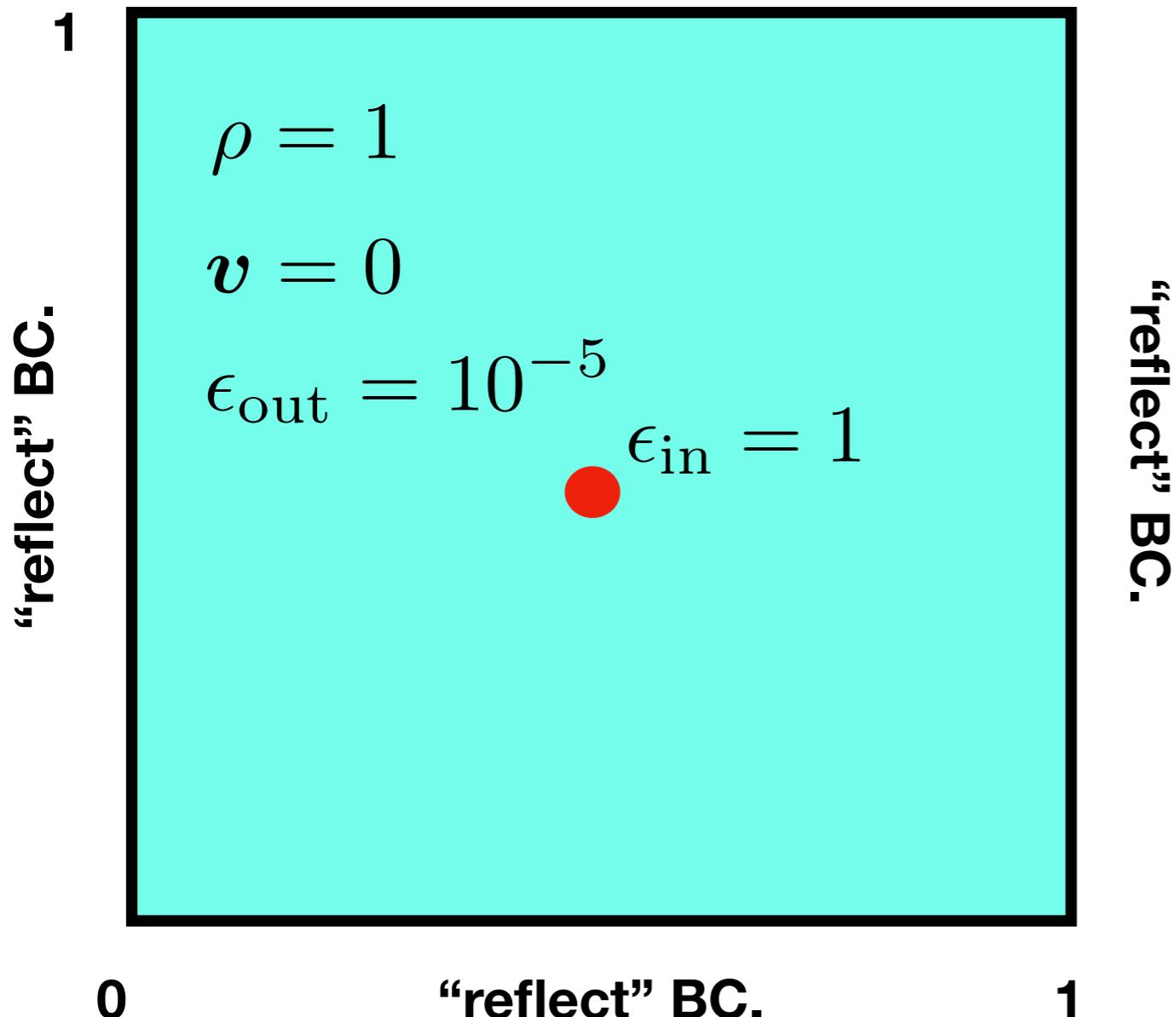
A basic simulation

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Exercise 1: Add runtime parameters

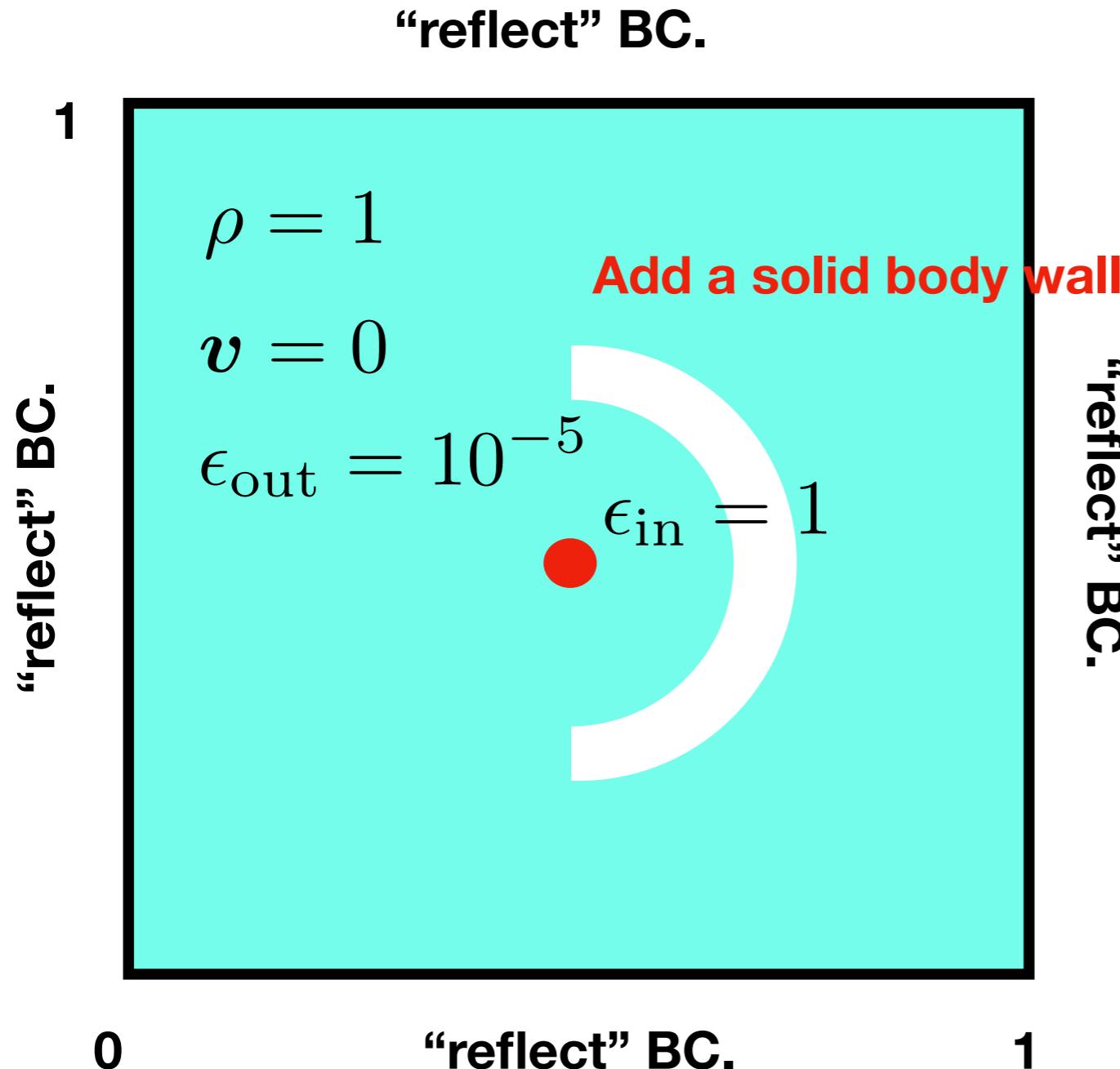
“reflect” BC.



1. We only have one runtime parameter “sim_rho0”.
2. Change “sim_rho0” to “sim_rho_out”
3. Add four more runtime parameters to describe the explosion: “sim_r_explode”, “sim_rho_in”, “sim_e_out”, and “sim_e_in”



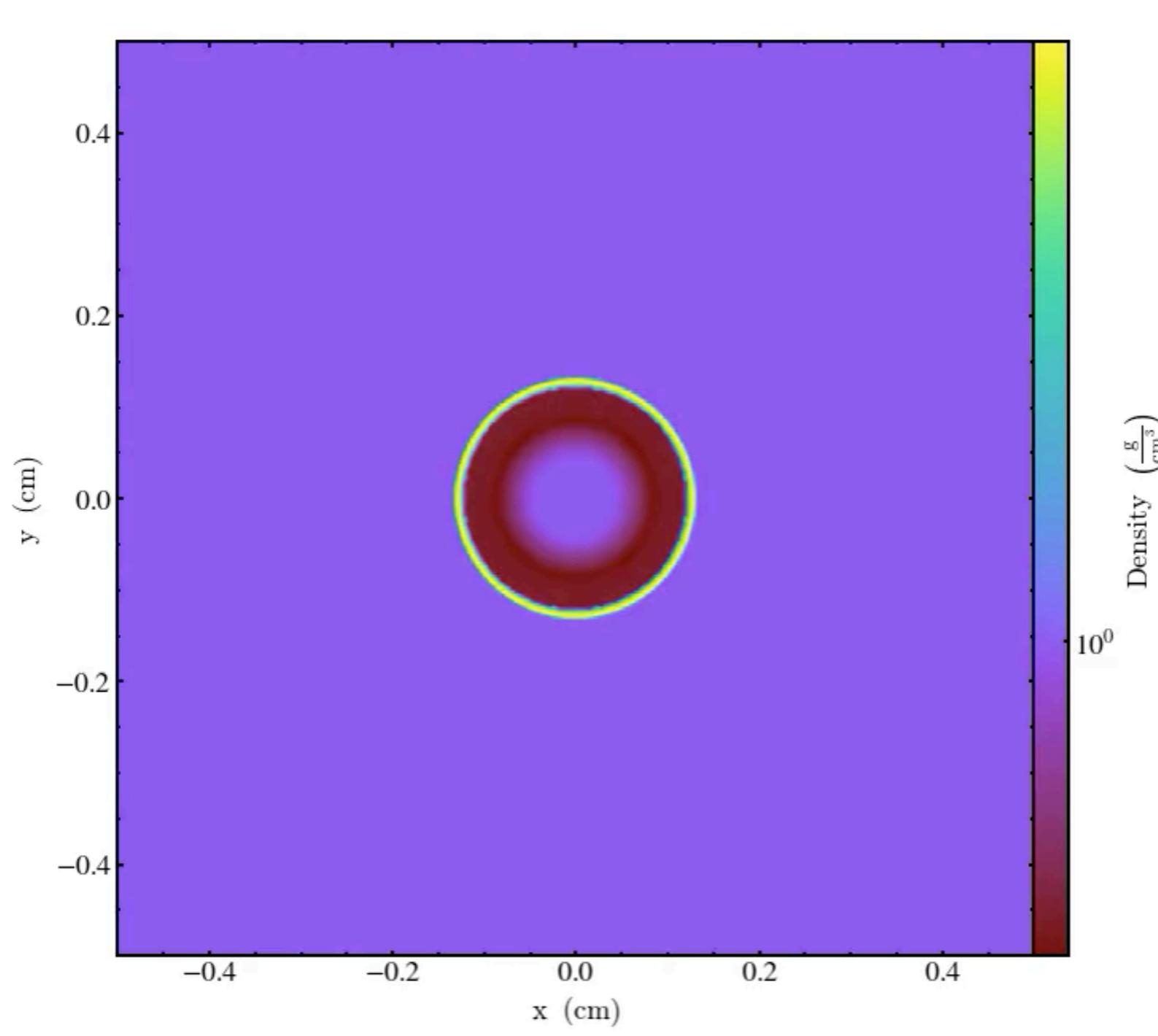
Exercise 2: Add a solid wall



1. In Config, add a new variable “VARIABLE BDRY”
2. Set positive values of solnData(BDRY_VAR, i,j,k) for boundary regions and negative values for fluid region.



Exercise 2: Add a solid wall





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Exercise 3: Make your own simulation!





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