

Mid 37: Mon, 28 Mar 11

37-1

Comments on HW5

HW6.5, 6.6: Plot soln in 3D w/  
Contours

HW6.6: Use distorted quad meshes,  
compare results w/ uniform meshes.

meshes: cgx

FEA: FB's code (read & understand)

ccx

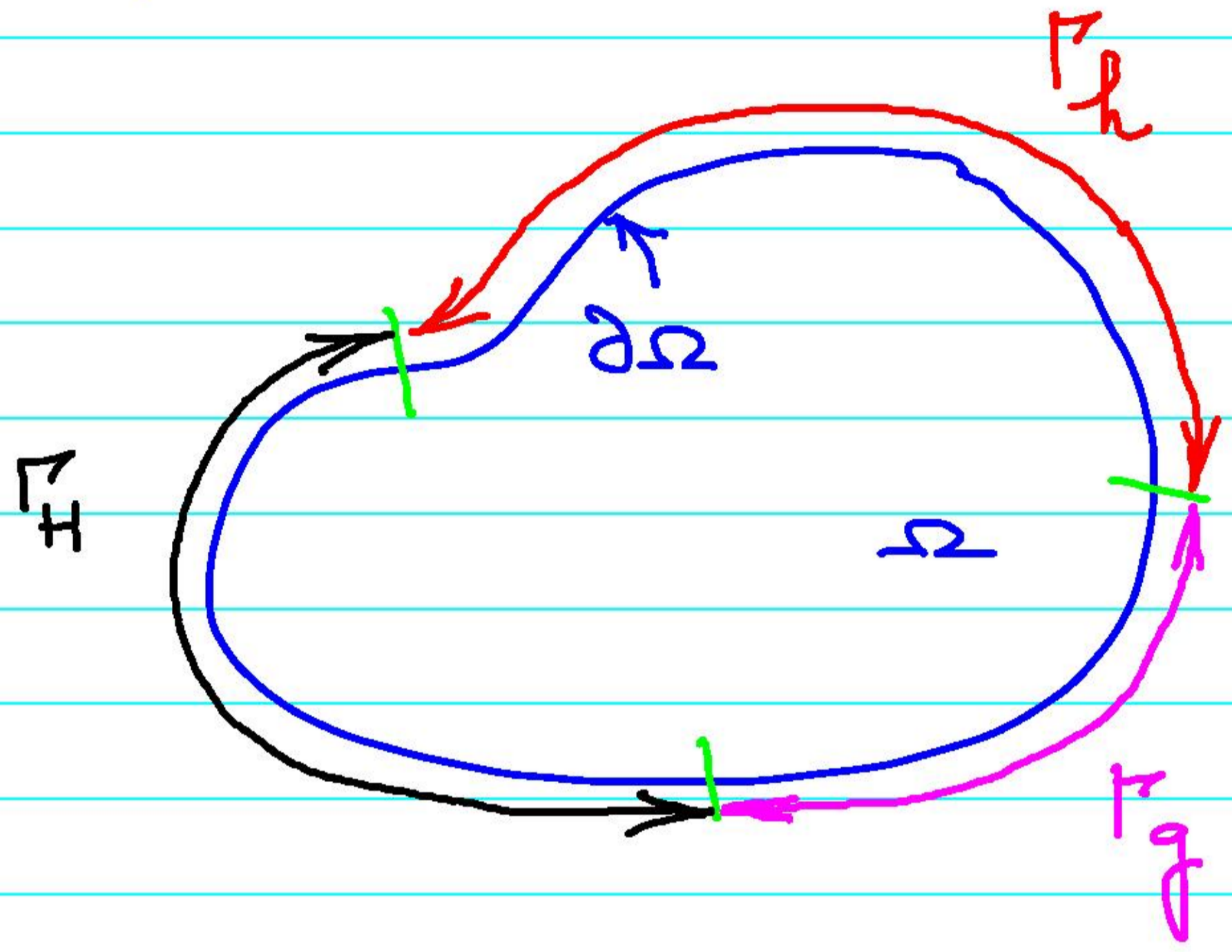
HW6.9: Reproduce 1) FB, p. 200, Ex. 8.3

2) FB, p. 205, Ex. 8.4

3) FB, p. 212, pb. 8.6



HW6.10: Newton's law of cooling (d.c.)  
c.f. FB, p. 150, pb. 6.7



On  $\Gamma_h$ ,  $\mathbf{q} \cdot \mathbf{n} = h(u - u_\infty)$

↑  
Heat transf.  
Coeff.

↖  
ambient  
temp.