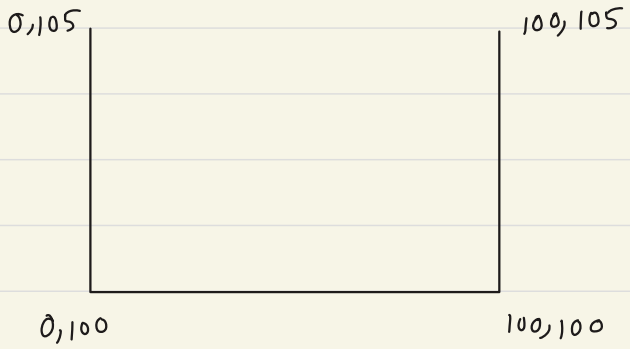
EWCE 462

LO1 18/06

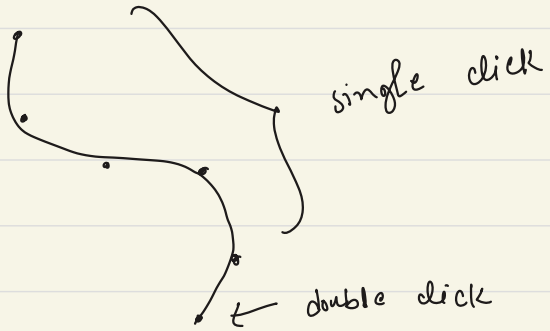
Proj. 1 One dimensional steady flow

Rect; L = 1000 m, w = 100 m; n = 0.025

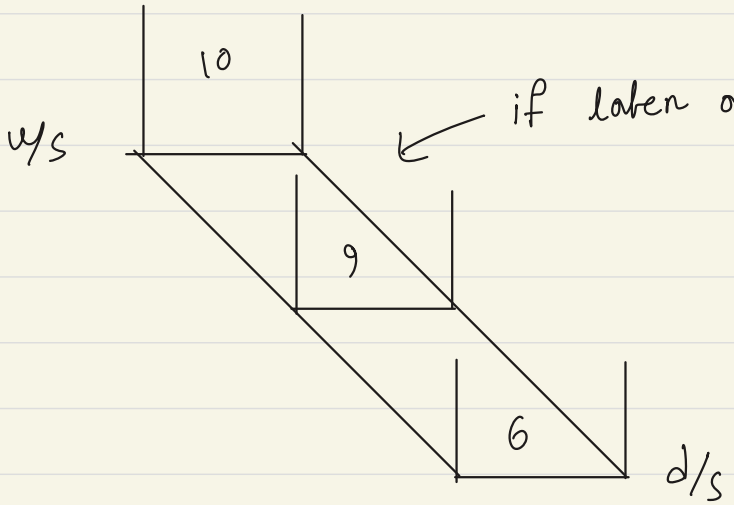
Q = 200 m^3/s



River reach:



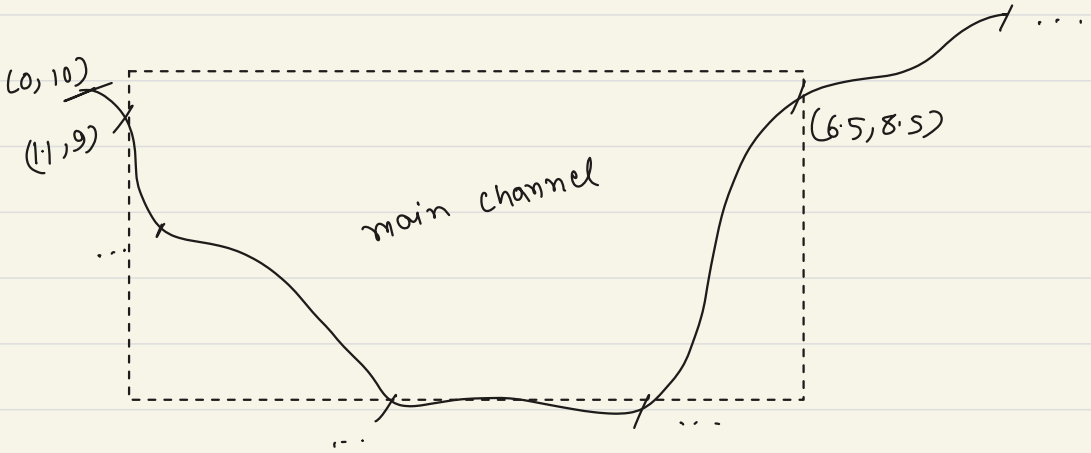
Cross-section:



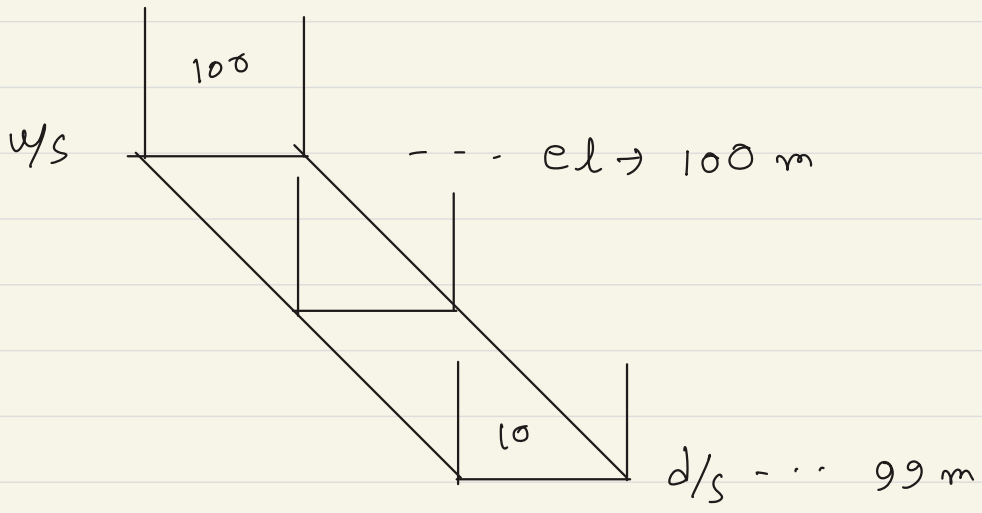
LOB → Left over Bank

ROB → Right " "

Main channel bank stations:



(1.1, 6.5)



View → detailed output table

Homework: 08:00

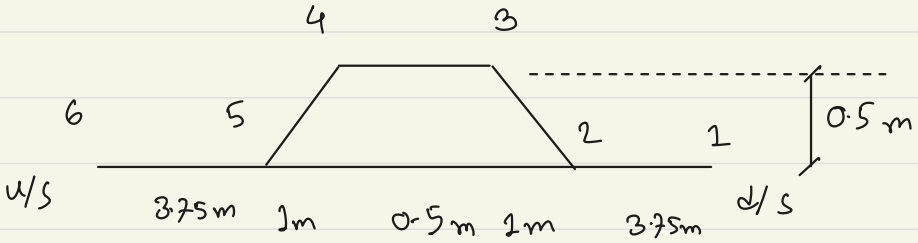
four x-sections

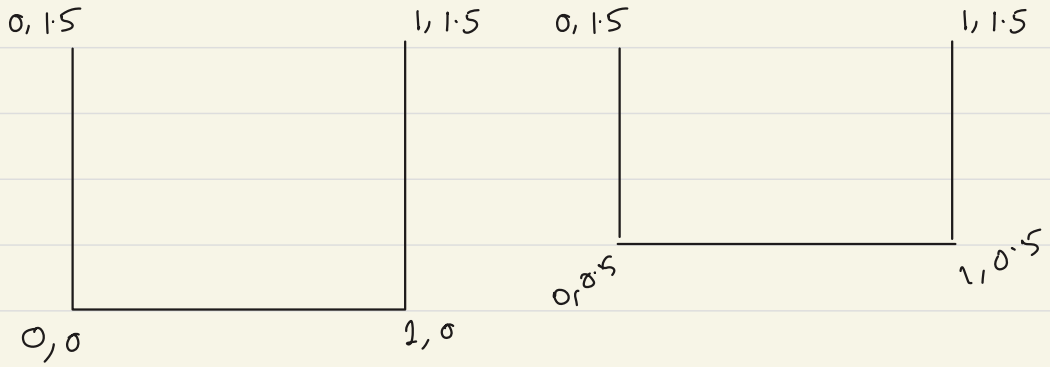
Discussion: why such profile

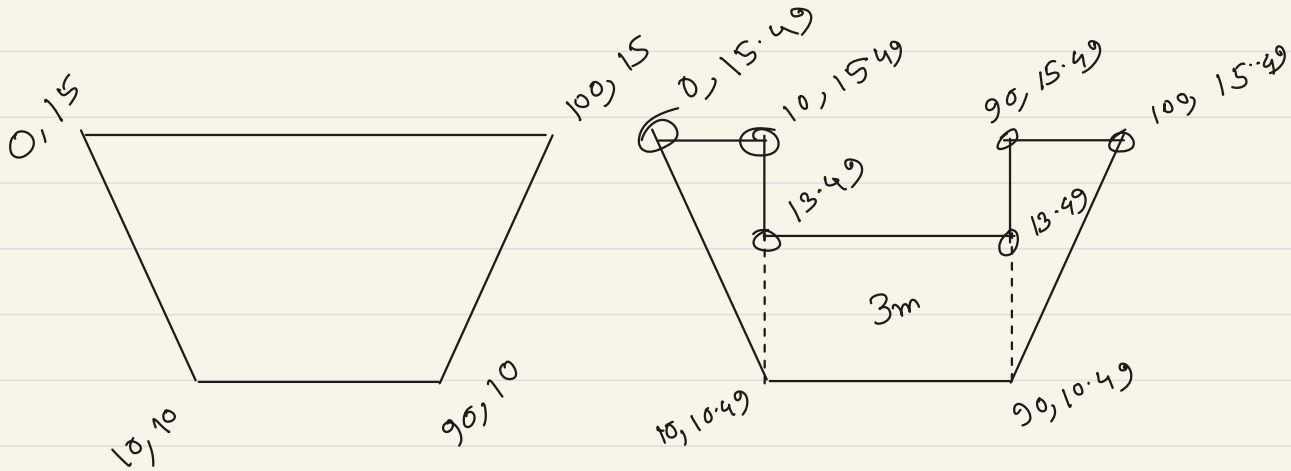
where energy loss

S02

25/06







XS @ 490 m from D/S

Problem 1

✓ – 1, 2

- longitudinal profile: el x2 [inline absent]

– " " : Fr x2 [x-section absent]

✓ – simulation decn.

✓ – " graph [though duplicate]

✓ – Discussion

Problem 2.

✓ – longitudinal profile: el

✓ – " " : Fr

✓ – output table

✓ – Discussion

Problem 1

✓ 1, 2

- longitudinal profile: el x2 [X-section missing]

✓ " " : fr x2

✓ simulation decn.

✓ " graph

✓ Discussion

Problem 2.

✓ longitudinal profile: el

✓ " " : fr

✗ - output table

✓ Discussion