A There solutions to J'cp:0 are unique, Also because (A) is I mean between add solutions, and their sum most satisfy the desires 6.c.?

Motivation

in compressible, irrotational, the visit flow governed by

Wass

1. N = 0

Xmon

30 + ひたいい = - f U1 - U(gt)

gives Bennoulli function for steady films

4- equalities in u, v, w + p, non likear

Use of J24=0 reduces problem to livear 2nd order ODE in of

of Then it may be determined from I man]

Note this works for unspeads flow too! since the solution to Tig = 0 why depends on the instantaneous value of the boundary conditions.

Example L-D (x,4)

· Note that for 2-0 flow we way also define a streamfunction" Y

which identically satisfies ux + Un = 0

and note that if h.w = Vx - uy =0

then Dry=0 - Laplaces equation again.

+ now of = court, on boundaries with no named film

