Sofrain Laports Notricile: 23874 2020-11-16 Demations for problem 1 Derivation of the functional: min 511 Dd 112 d 12 using Gateana dematine La Subol+hwill delh=0=0 de 5/12d + h5v/2ds d S<Dd+hDv, Dd+hDv7dD d ScDd, Dd > + 2h < Dd Dv > + < Dv, Dv > de 2 Ja < Dd Dw, Dd Dw J d 2 = 0 So Did Div del = 0 $u' = 5^2 \quad er = 7(5 ar)$ $ur = 5^2 d \quad ur' = 7(5^2 d)$ by integration $m' = U(D^2d)$ ly parts

