Examen du 21 Mars 2018 Eléments de unection

Exercice 2

Consume

1). Non TD 3-4. (exercise 2)

2) Vo= GVEHI (Jo125) / volzo 3

(Fax (plx) dy). v(x)+ gh/m(x)v(x) fdx= f fulvix) dx

- S & (P dx) v dx + S & mv dx = S fr dx

TPP: - S' & (pdy) - dx = [-pdy -] + (eq)

+ $\int p \, du \, dv \, dx = -p(1) \, du \, (i) \, v(i) + p(o) \, du \, (j) \, v(i)$ $\int \frac{dx}{dx} \, dx \, dx = -p(1) \, du \, (i) \, v(i) + p(o) \, du \, (j) \, v(i)$

+ Spoth dx dx = Spota dv dx

(PV) & Trouver me Vo too.

4 (24, TMZ, 5) = 2 a(M, 5) + a (M2, 5) 3 difinition because alu, 20,+52 = 2 alu, 51/7 a(u, 52) ventration immediate

a(M,v) = a(v,M) =) a= hymitrigue



