Txc 3.

(,p(x) = e-x, x >0

2. Uniform probability distribution (don't)

[0, B] h(z) = - 1 / 1 / log (1 /) du - log (p)

h (Y) = - | e- " lof (e-") du -) - x 2 x log (a) dr

= - lof (a) | -x e x dx

- We have to evaluate this integral in the interval [0,-00[(me must page)

> Skutach of Distributions くきい

Paje 1

Ct:

Now, we suderly in in the interval [0, +00[:

- Hune:

Now :