fact Dyadic Points (i le au dense in R

fact to 2 lyrun any point n & R, and any 270

you comfind a point I the form (i le)

j, l G [0,2*]

5.t.

[n-(2,2)] < 2

thus, yourconfind a segue of points in st. $f(m_n) = 1 \text{ Yr}$ if is discoutinum at all nondinatic points

Set of discout does not have more more more

But, for g, use the kind g argument done
in Tutl os, and see that it will be continuous
at non dyadic points (the power g
2 will need to get bisgue to approach)
i. g is int.

now, take $x \in [0,1]$ Consid $\int_{S}^{A} f(x,y) dy = \begin{cases} 0 & \text{if } x \in x \text{ot } dy \text{adv.} \end{cases}$ Let $X = \begin{cases} 1 \\ 2 \end{cases}$

there can be only finite diadics w/

cousin
$$\left| \frac{\partial}{\partial x} (y) \right| = \left| \frac{\partial}{\partial y} (y) \right|_{x} = \left| \frac{\partial}{\partial y}$$