A(A)= & ein2 soupletina mera, pu(A)= & times? positional men 122 2a Lept jo definings, 2slp, ber · Podon-Wihodynovoduod: FJEL (pl , de ple sa (A) = ) of du. Poshosimo da = 5 cin2 (n+1)2

do neAn22 3 mi S ε in (n+1)2 = λα(A)

A πΕΑΛΩΗ 3 Ιπι αμπ τ πΕΑΛΩΗ 3 Ιπι (π+1)2 = λα(A)

FUEINI (π+1)2

(π+1)  $12(12)=2\frac{1}{3}$   $1=2\frac{1}{3}$   $1=2\frac{1}{3}$   $1=2\frac{1}{3}$   $1=2\frac{1}{3}$ 5)  $f:[0,1]^3 \rightarrow (0,0]$ ,  $f(x,y,2) = \begin{cases} \frac{1}{\sqrt{1y-2i}}, \cos y \neq 2 \end{cases}$  $\int_{\{0,1\}^3} |g| \, du_3 = \iint_{\{y \in 2\}} |g| \, d$  $I_{1} = 1 \cdot \left[ \frac{1}{3} - \frac{1}{2} \sqrt{y^{-2}} \right]_{\frac{1}{2}=0}^{\frac{1}{2}=0} = 2 \int \sqrt{y} dy = 2 \frac{1}{3} y^{\frac{3}{2}} \left| \frac{y^{-1}}{y^{-2}} \right|_{y=0}^{\frac{1}{2}=0} = \frac{4}{3}$  $I_{2} = 1 \cdot \left[ dy \frac{1}{2} \sqrt{2} y \right]_{2=y}^{2=1} = 2 \cdot \left[ \sqrt{1-y} dy - 2 \cdot \frac{1}{3} (1-y)^{\frac{3}{2}} \right]_{y=0}^{y=1} = \frac{4}{3}$  $\Rightarrow \int |f| dm_3 = \frac{8}{3} < \infty$