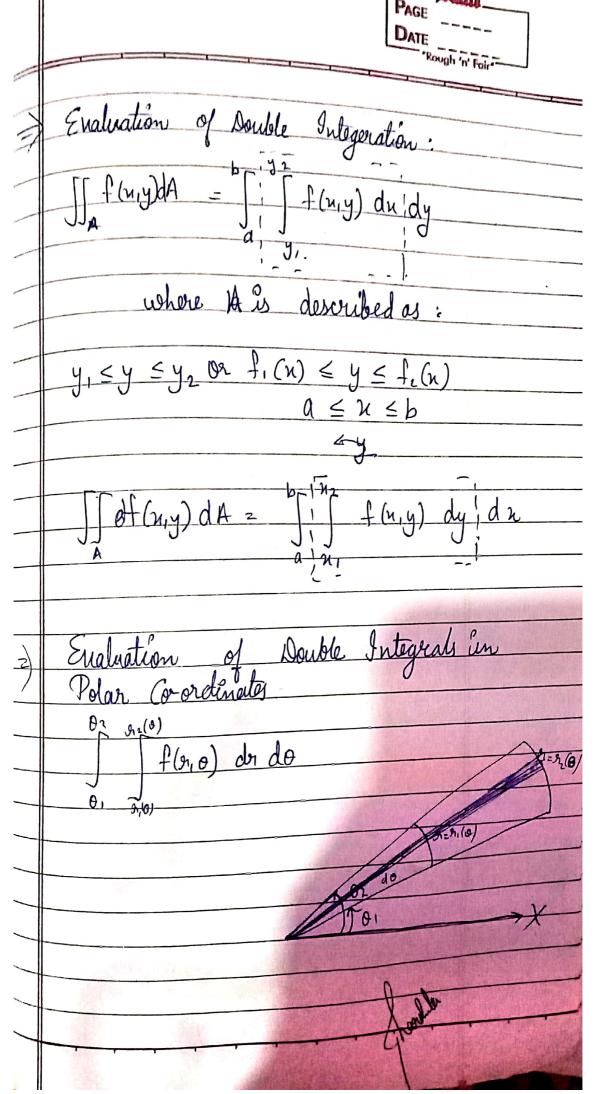
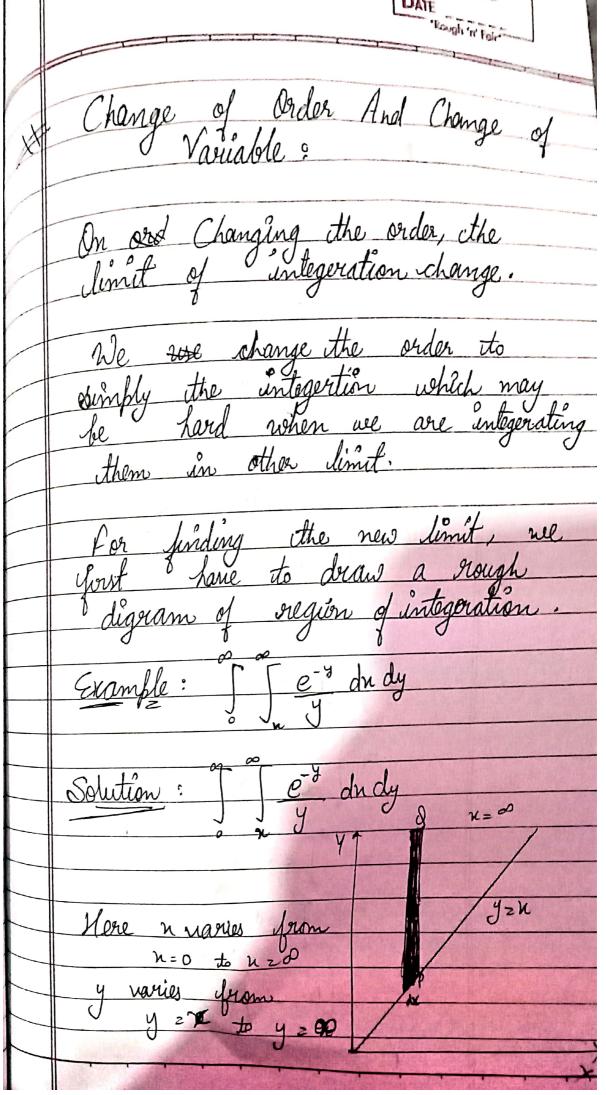
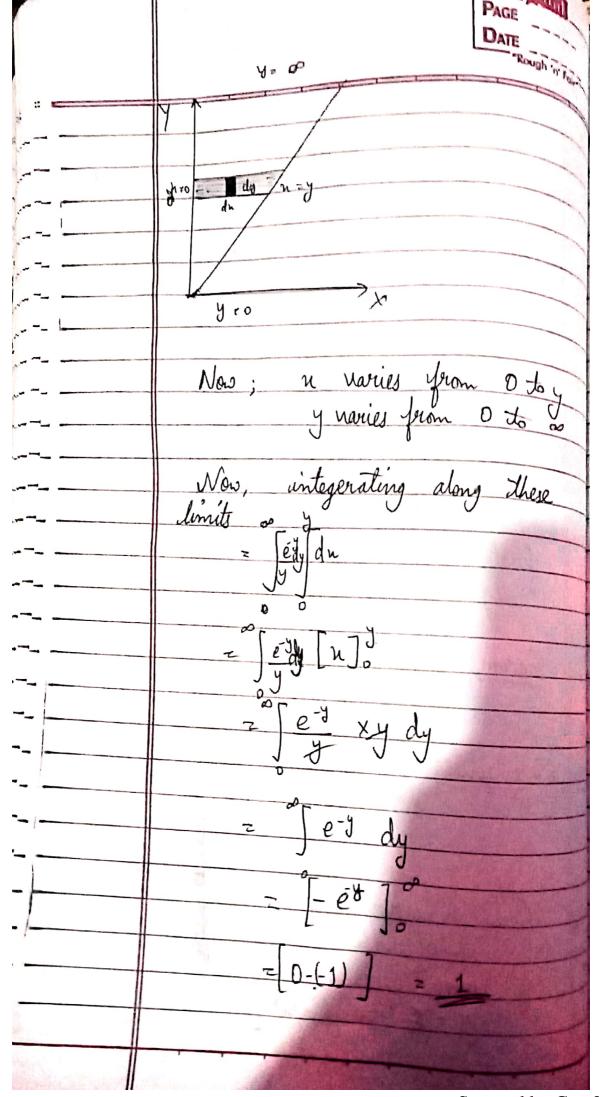
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	thill = 4
	Topics under ethis chapter
	Topics under conto
*	Double Interests
#	Change of Order And Change of variables
*	Triple Integeration
*	Gamma, Béter Function.
	Double Integral
	We know that
	a 2n=0 [towaln]+f(u2)d(n2)+f(un)dres]
	In the Case of thoo variables
	In the Case of two variables a by it becomes
	f(n,y)d n dy = lim f(n,y) dA, +f(n,y) dA_+
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ulate the integral y=d nr = fr(y) n, = fi(y) B 6 ne take a this

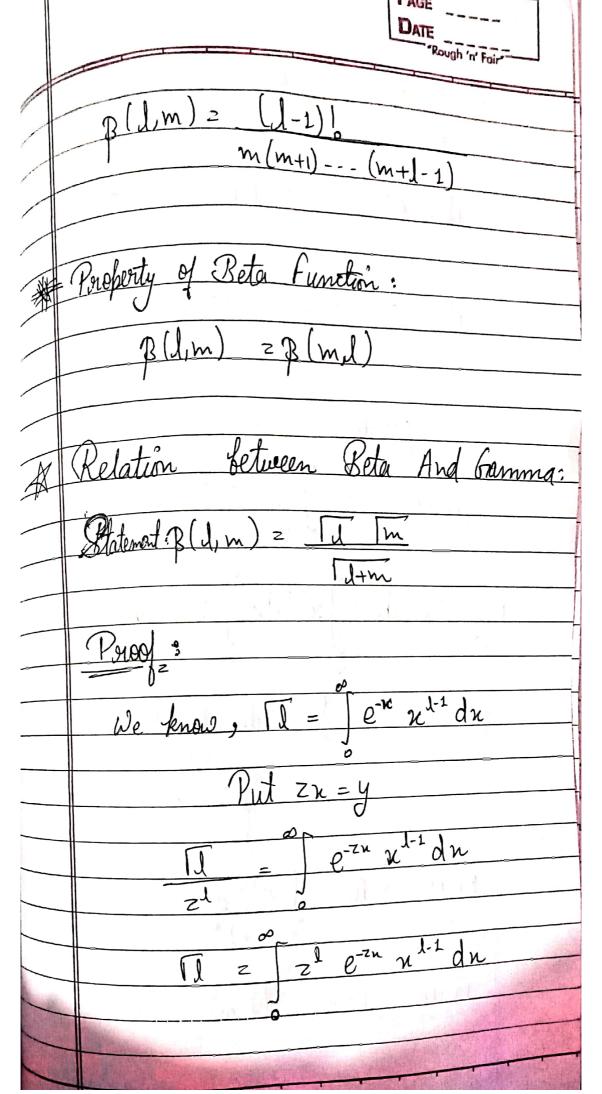


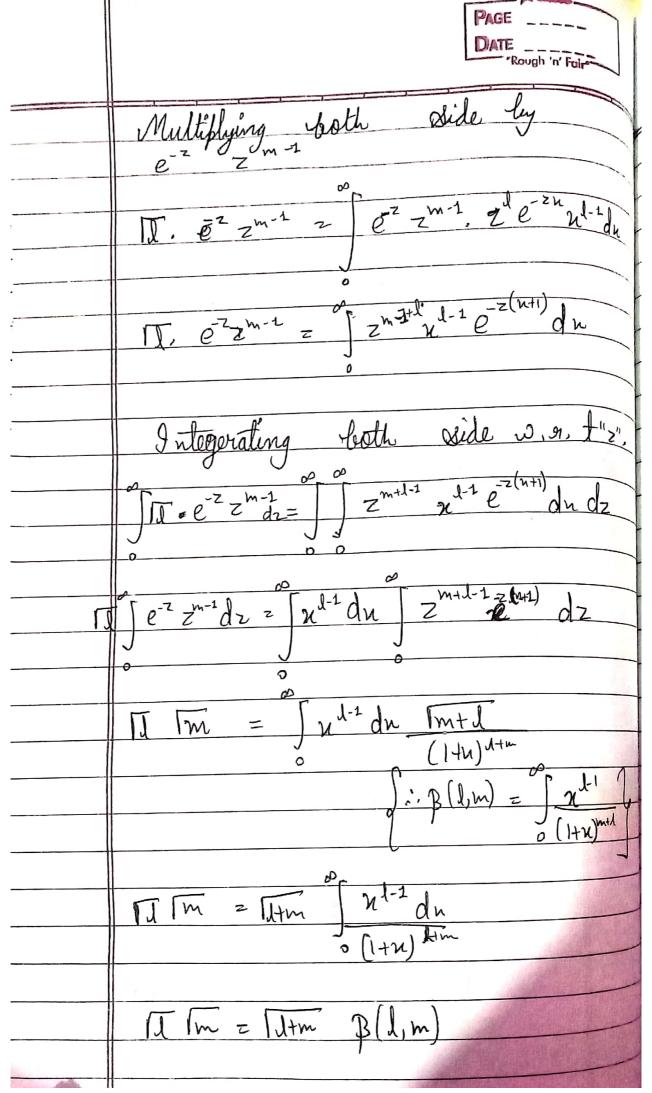


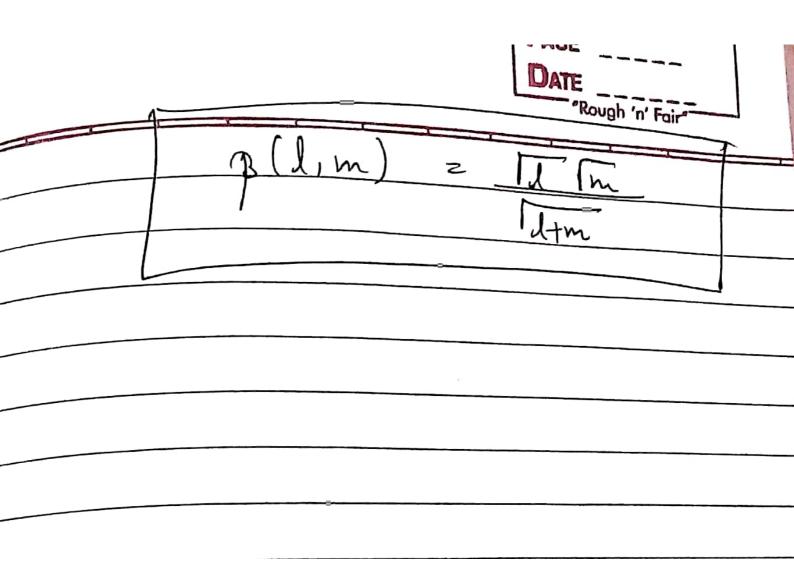
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sible Integeration: triple integertion 912 \$ 2(n) 22f2(47) J1= (4) 22f2(4,y) X- a ne contogerateon

	DATE Rough of Folk
Gams	Gamma Beta Tunction: Gamma function is denoted by m (it is called Gamma). The = Jenne du du
	Above is the expression of Gamma.
*	Some Formulaes
(7) (71)	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Beta	Function:
	Beta function is denoted by $P(l,m)$ (it is Called Seta of l, m) $P(l,m) = \begin{cases} \chi^{-1}(1-\chi)^{m-1} & d\chi \end{cases}$







Duuchelet's Integral Mn y 2 dadydz = Mmn