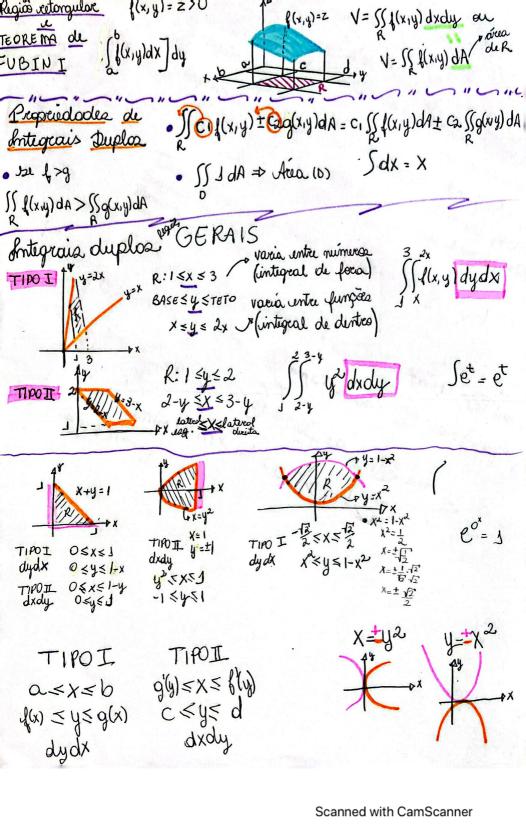
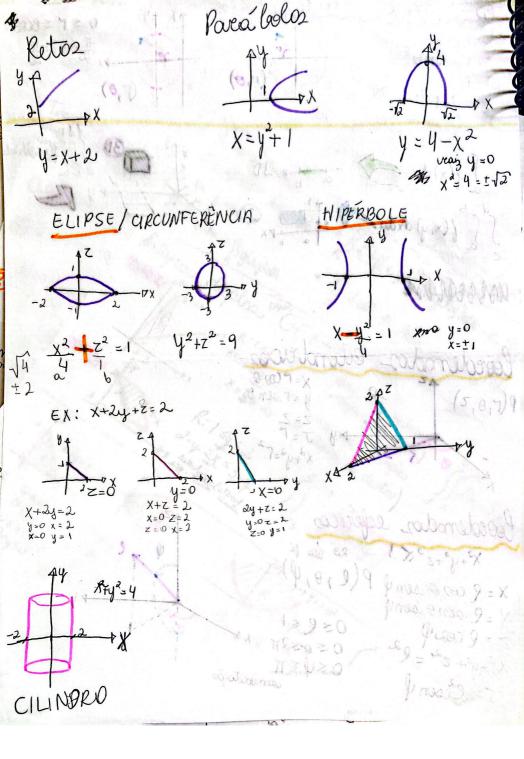
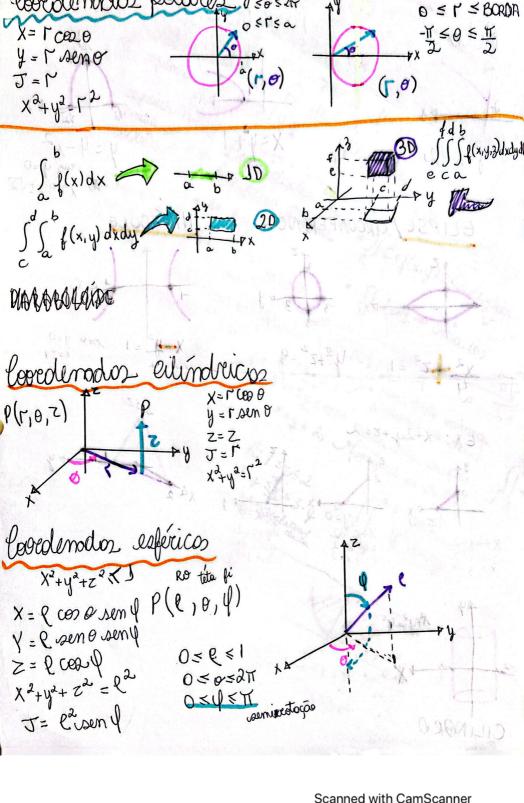


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De Eon converge -> limon =0 Texem geométrica < On=(a Je lim on ≠0 ar ≥0n divelege lim on ≠ sleie 17K1 converge Form 17/31 diverge Eandweige → C Ean diverge Eon & Ebm comeregentes Ean converge & E(On ± bm) diverge E(on + bm) Zon + tom) ; Ebm olwerge Econ = CEm sécie Insemença à diverge Pass by 84 Neve pog 850 Pag Testes da comparação leg 91 leste P-sereil mp p>1 converge INTEGRAL. P= Idverge (29) Sereie (19) Festeda (39) Teste da Lucie Hoemonica < 1/2 diverge Geometrica Comparação dusergencia steie p-series on Sbm con bm 1/1/1 1+0 ou \$ converge On>bon die bon diverge

Se lim (on)=0 -lon | Fon Flon1 Suguincia 3 lim -> convergente lum f(on) = f(limon) peoperadades lim (on+bm)=(limon) + (limbm) lim voi pl dentes limites de SEQUÉNCIA · lim (con) = c. (lim on) da função (continua) lim (on) = lim on bn =0 Séries = $\sum_{n=1}^{\infty}$ (on) Tierema et convergente (Ilim) Siguiroia es 555 fore Monotona (cuesa ou decres) limitada 1) lim ln(m) = 0 @ lim 7 = 1 c>0 @ lim 7 = 1 @ lim c=0 c>-1 Glim cm= Acc-J D clum (m+c) = ec 6) lum cm= ∞ 0>1 $\lim_{n \to \infty} \frac{m^{c1}}{c^{n}} = 0$ $\frac{c}{m} = 0$ $\frac{c}{m} = 0$ $\frac{c}{m} = 0$ $\frac{d}{m} = 0$