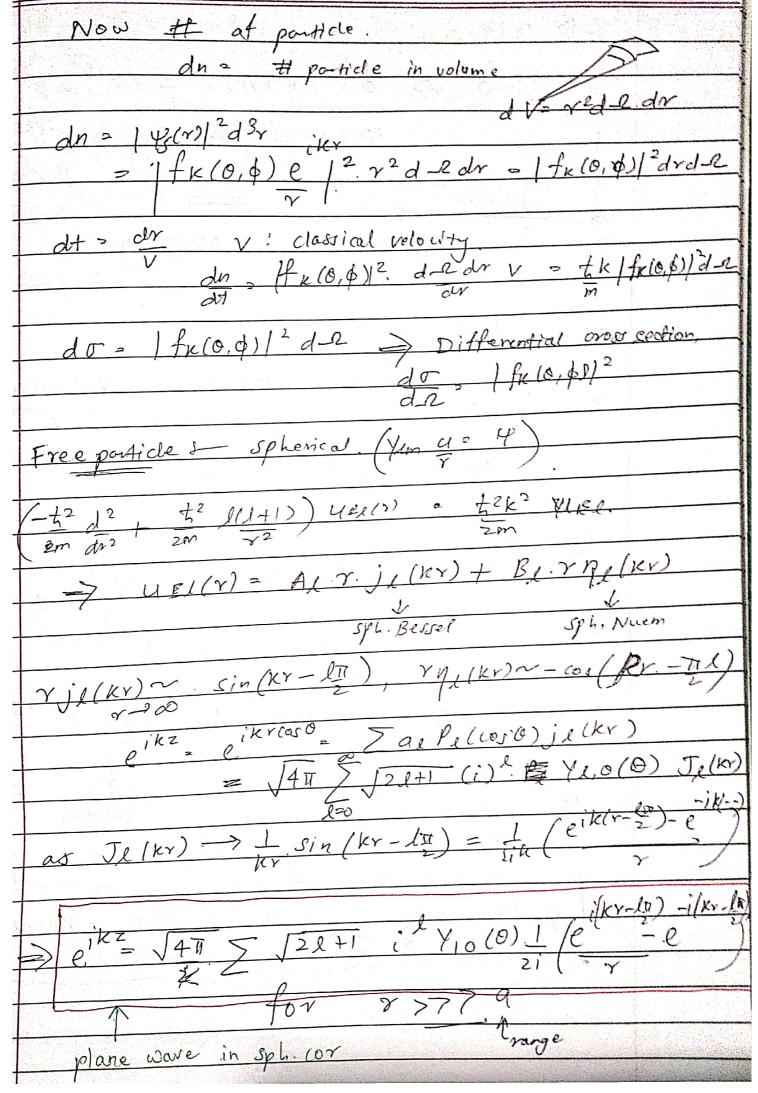
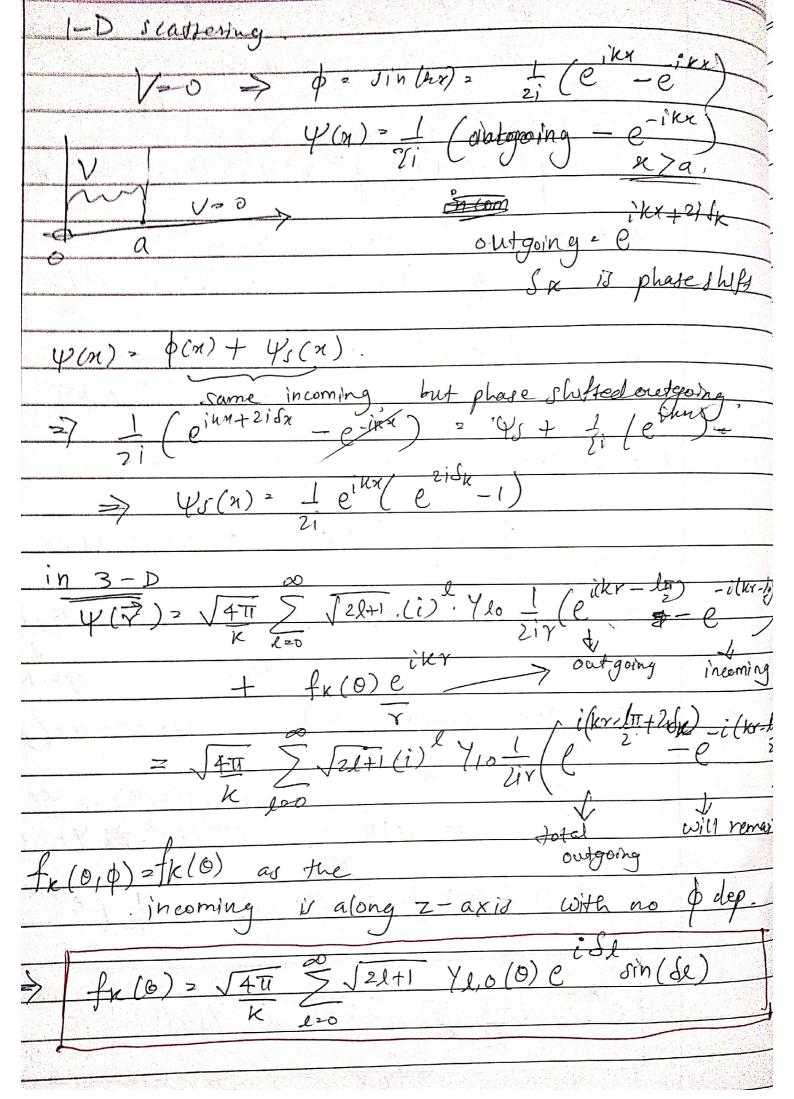
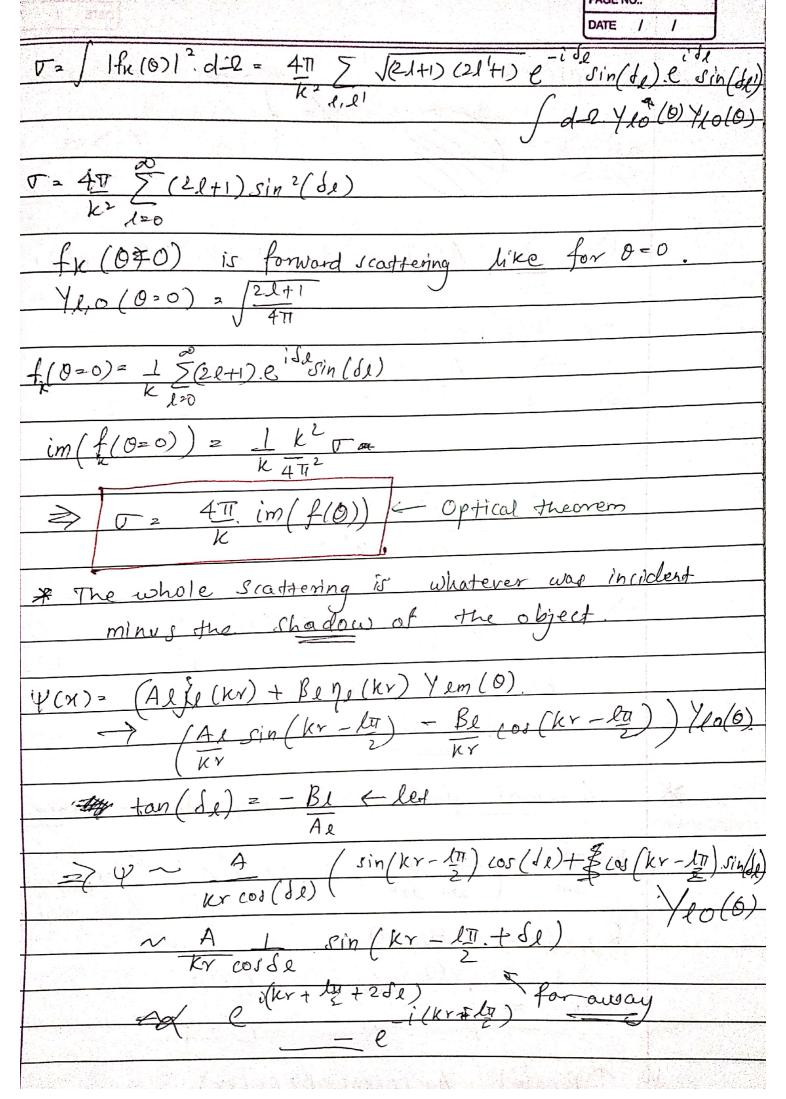
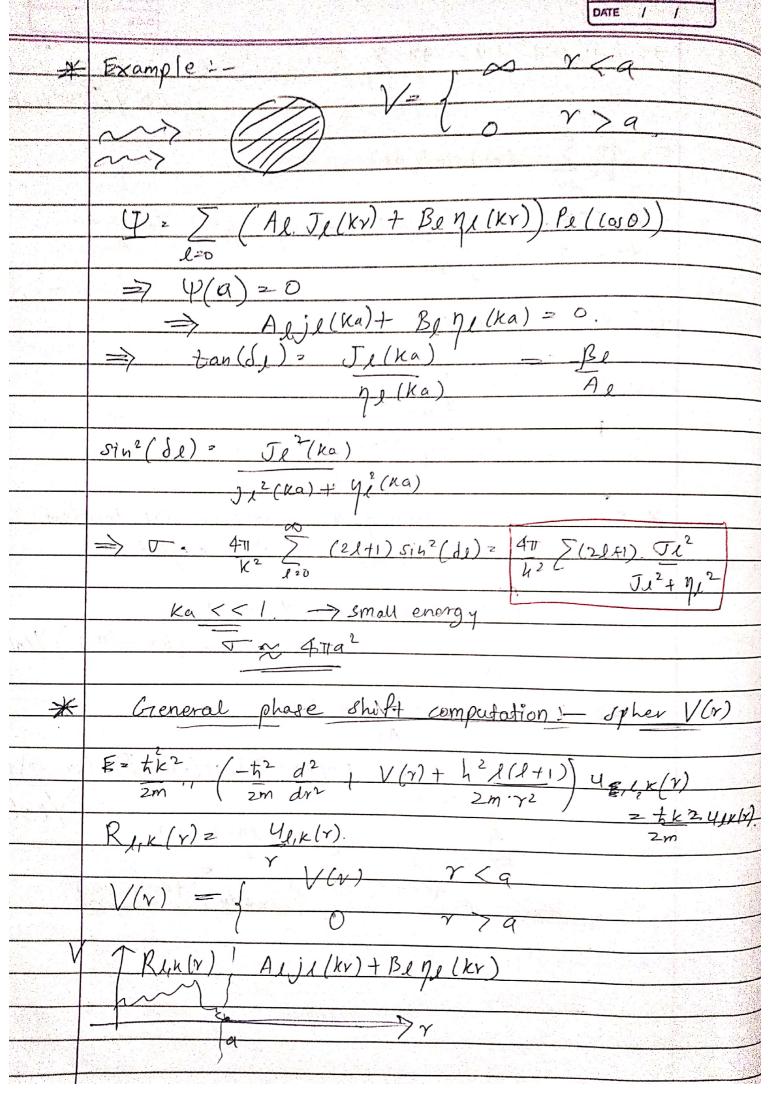


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	Continuety at r= a and differentiability.		
	Ruk(a) = Alje(ka) + Bene(ka)		
	= a Rdik'(a) - ka (Alje(ka) + Ber	(Ka)	
	R. (a) Ka Je (Ka) - fan Se ne (Ka)		
	R (a) Jetka) - tandie ni (ka)		
	n /		
	Han (dl) = Jl'(ka) - Ra(a). Jl(ka)  KRL(a)		
	m / (m) $R / (a)$ $a / (a)$		
	Milka) - Ri'las yelka)  KRilas		
	Once you solve for Rix, you done.		
	Now let's find those R's.		
2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	$(-t^2 \nabla^2 + V) \Psi = E \Psi$ $E = t k^2$		
Va Va	2m 2m		
	$\Rightarrow (\nabla^2 + \kappa^2) \Psi(\vec{r}) = V(r) \Psi(r)$		
		12 (1) (1)	
	$\Rightarrow \psi(\bar{r}) = \psi_0(\bar{r}) + \int d^3r^3 G(r-r)$	$\mathcal{O}(\mathcal{G}(Y), \mathcal{G}(Y'))$	
	(V2+k2) 40 = 0		
	acrom		
	(12-1		
	471 [Y-Y']  Y-Y'  2Y-N,7'		
	$\frac{ikz}{\psi(\vec{r})=e} + \left(-\frac{1}{4\pi}\int d^3\vec{r}  e^{-ik\eta \cdot r} V(r') \cdot \psi(r')\right) \frac{e^{ikr}}{r}$		
	1 (47) T		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	> f, (0, 0) = -1 (d3, 1 e -1 K1). 1 V(r)	) (m)	
<b>y</b>	4îi J		

