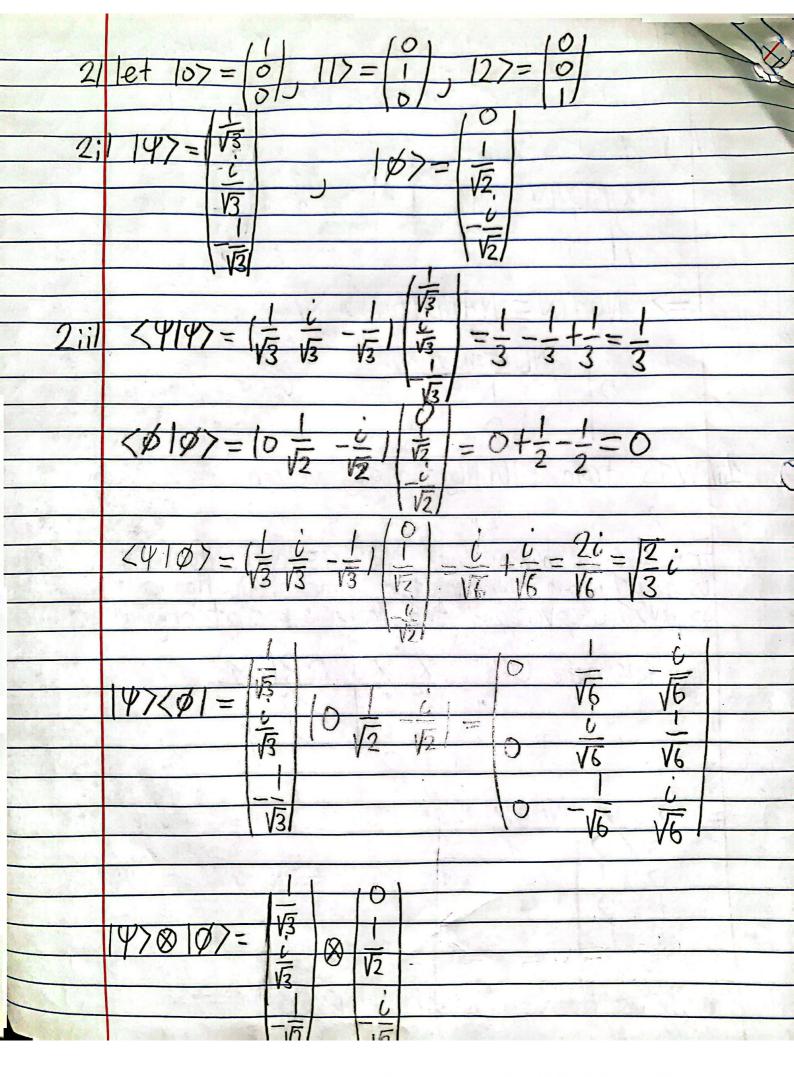
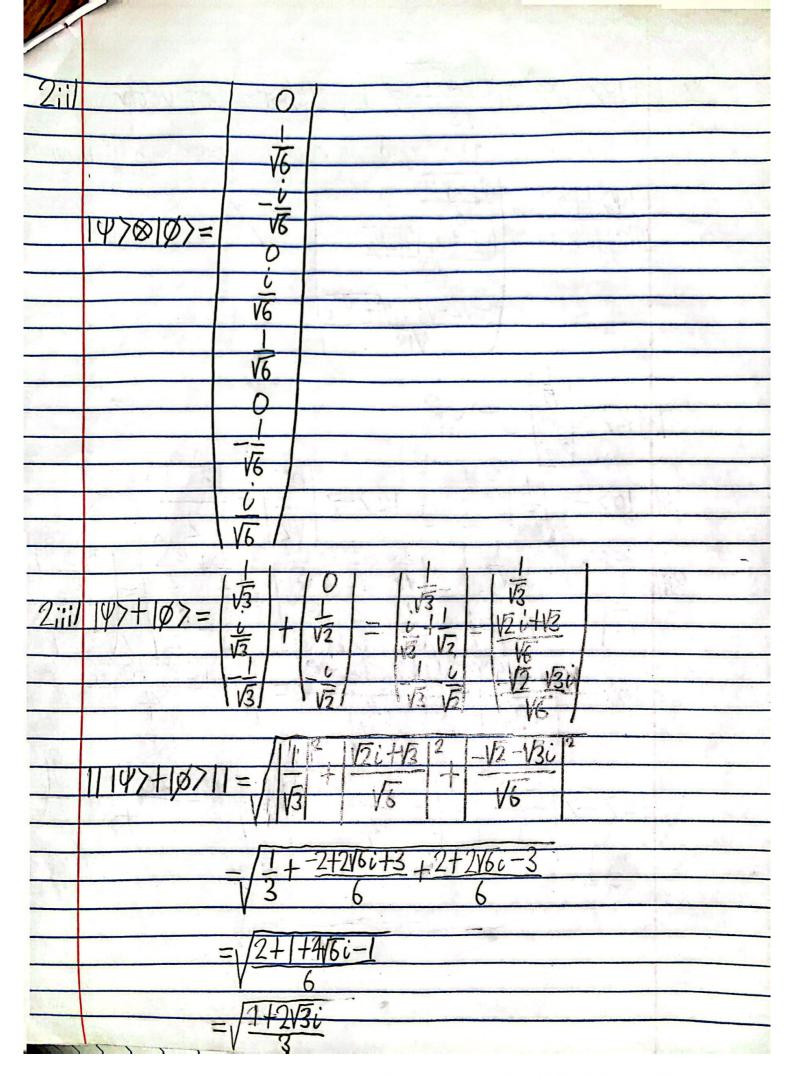


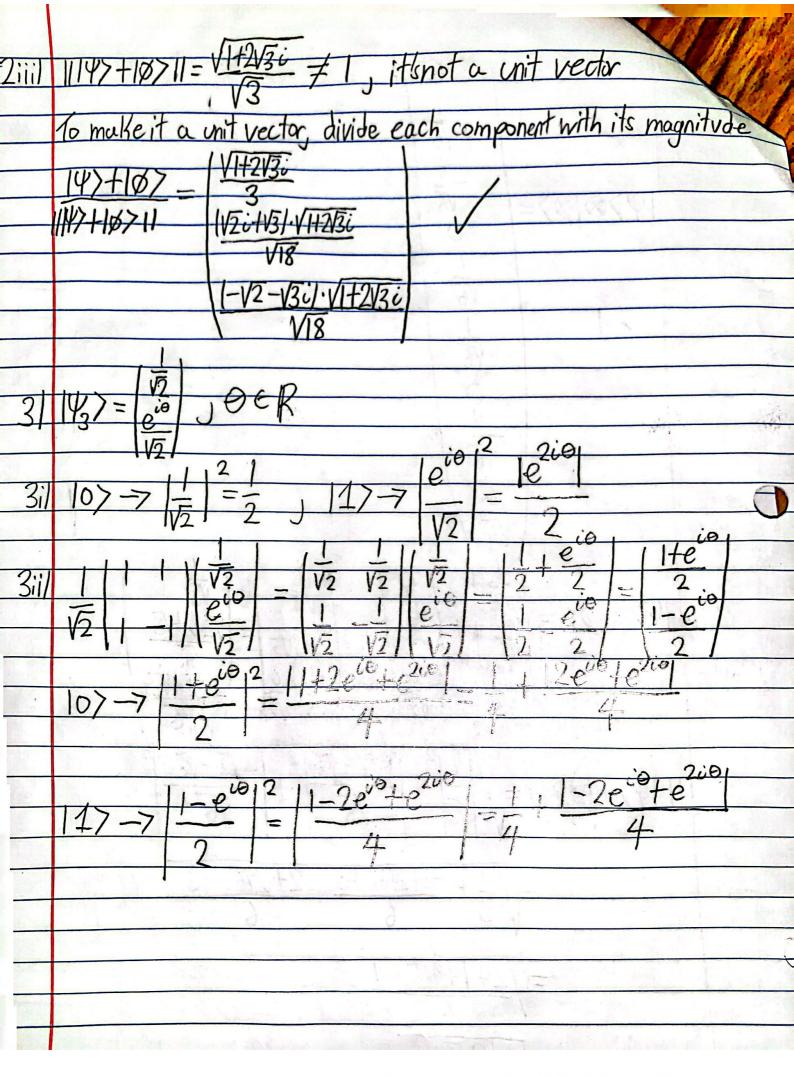
Scanned with CamScanner



Scanned with CamScanner



Scanned with CamScanner



Scanned with CamScanner

4 Y= 0-0 | Y | + Y > = | + Y > . let | + Y > = | 6 ) 10-i/a - |a| -ib = |a| a=-ib & b=ia => b=i&a=1 as a=-i.b, =-i.i&b=ia, i=i.1 both 10 - i/a - | a | -ib | - a | a = ib & b = -ia => b= 1 & a= i as a= ib, i= i | & b=-ia, 1=-ii both 4ii U= i 1 0 0 = i 1 i | i | i | = 2 0 7 I 7 => not unitary 

Scanned with CamScanner