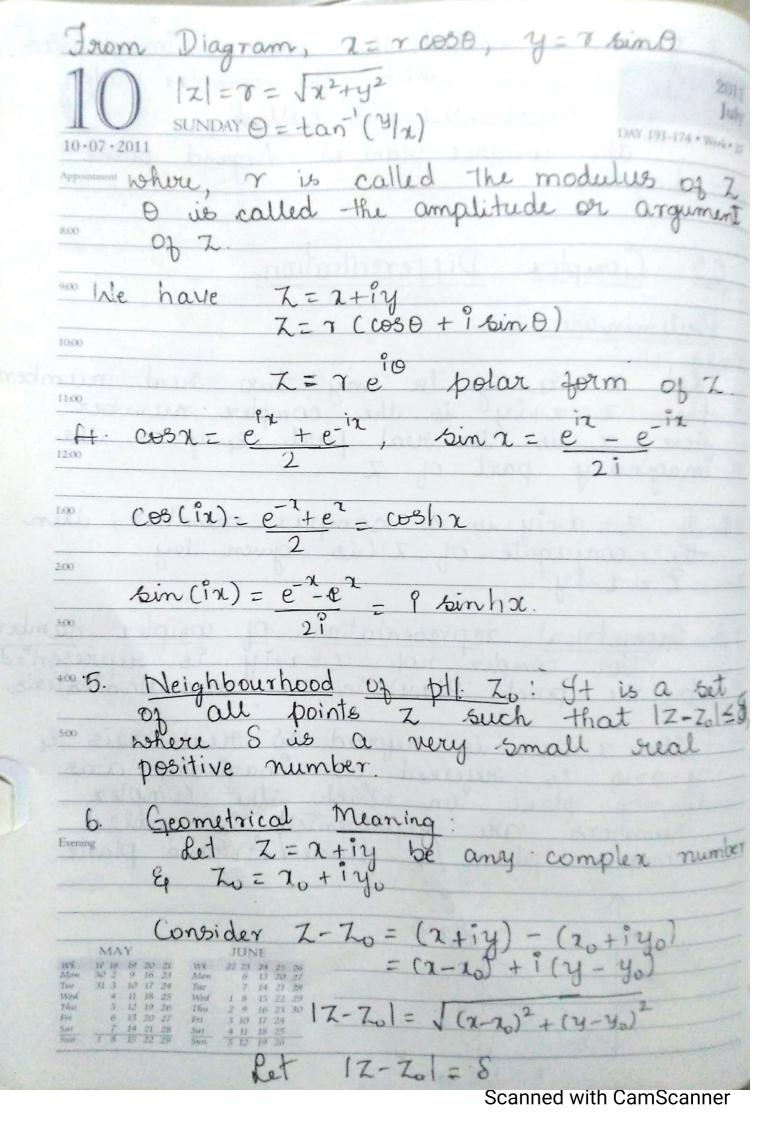
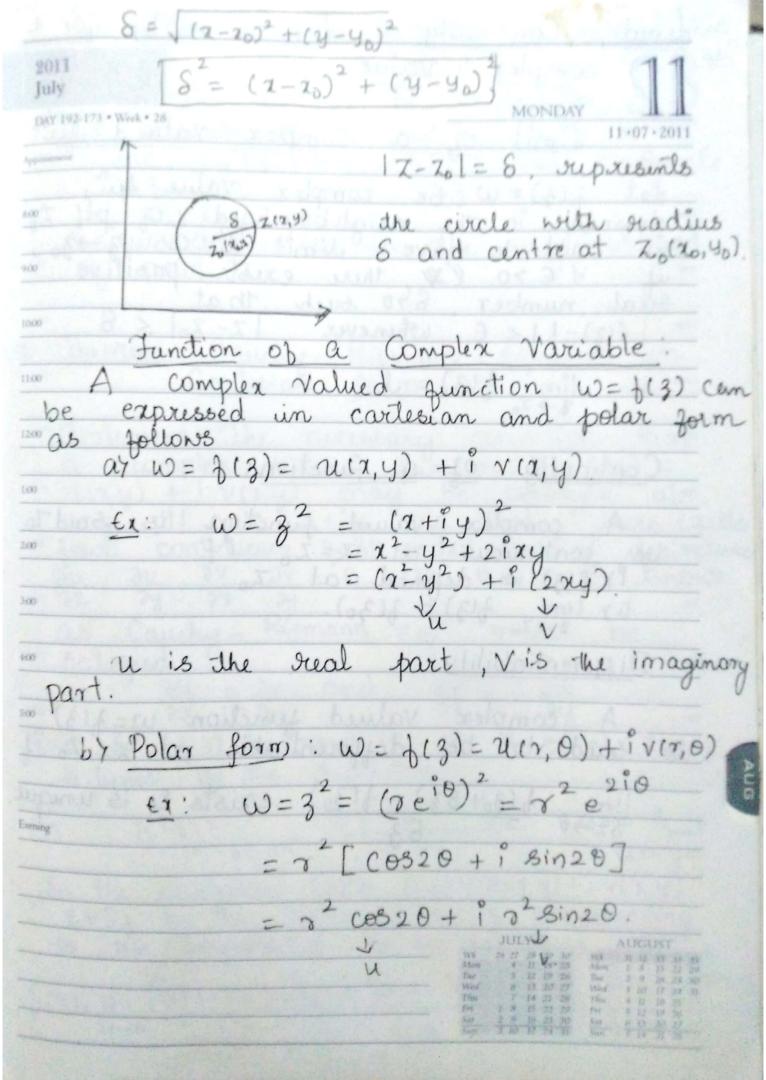
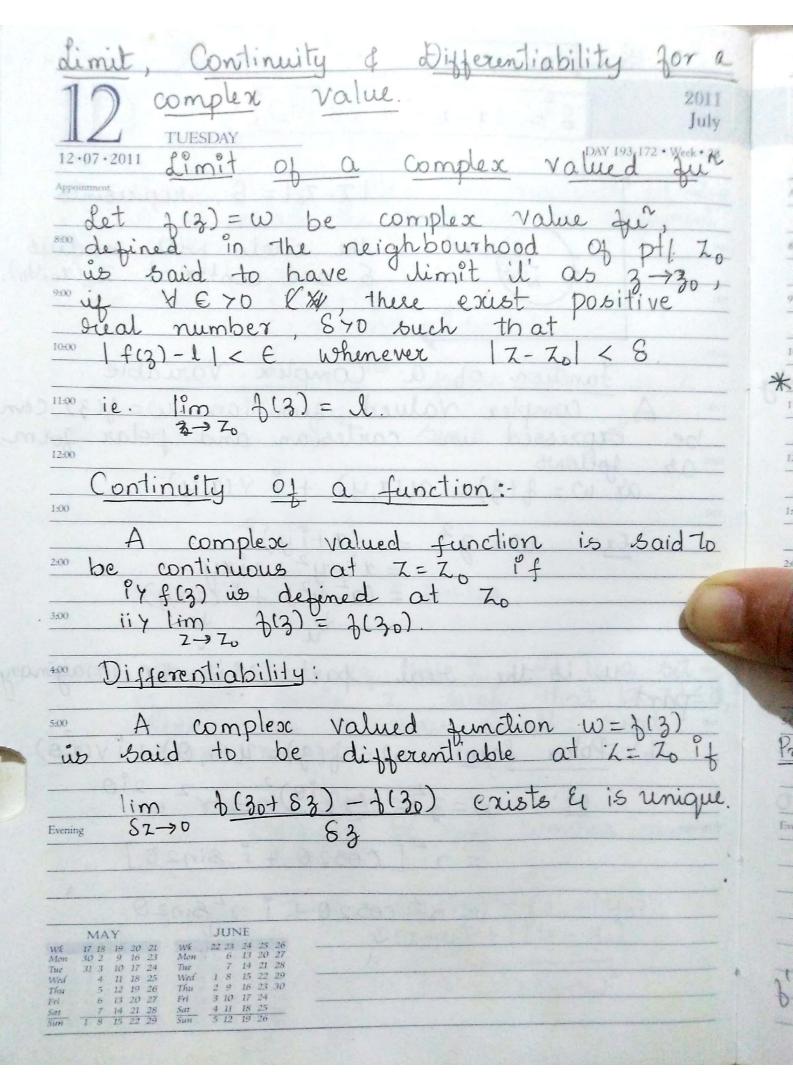
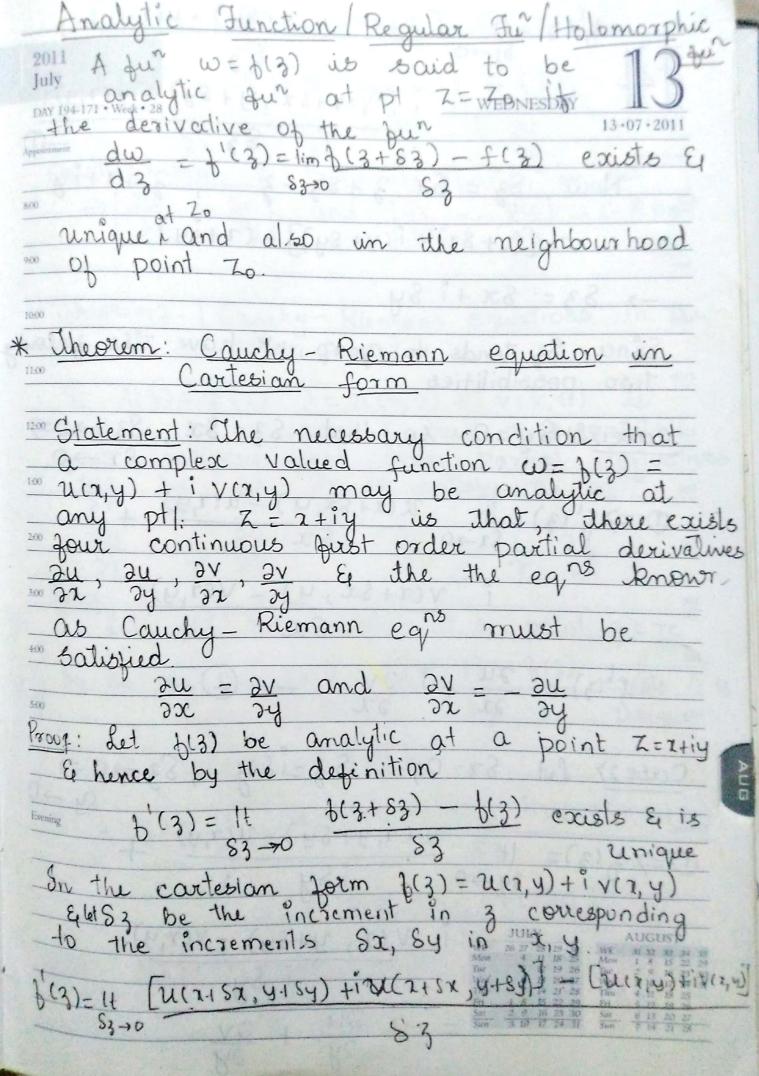
& y-axis is called the axis of imaginaries July our represented is called und plane of Argand plane on Ar C5. Complex Differentiation Let 2 Eq y be any -luo real numbers then Z=x+iy is the complex number. Here or is the real part Eq y is the imaginary part of Z. 100 2. If Z = x + iy is a complex number, then

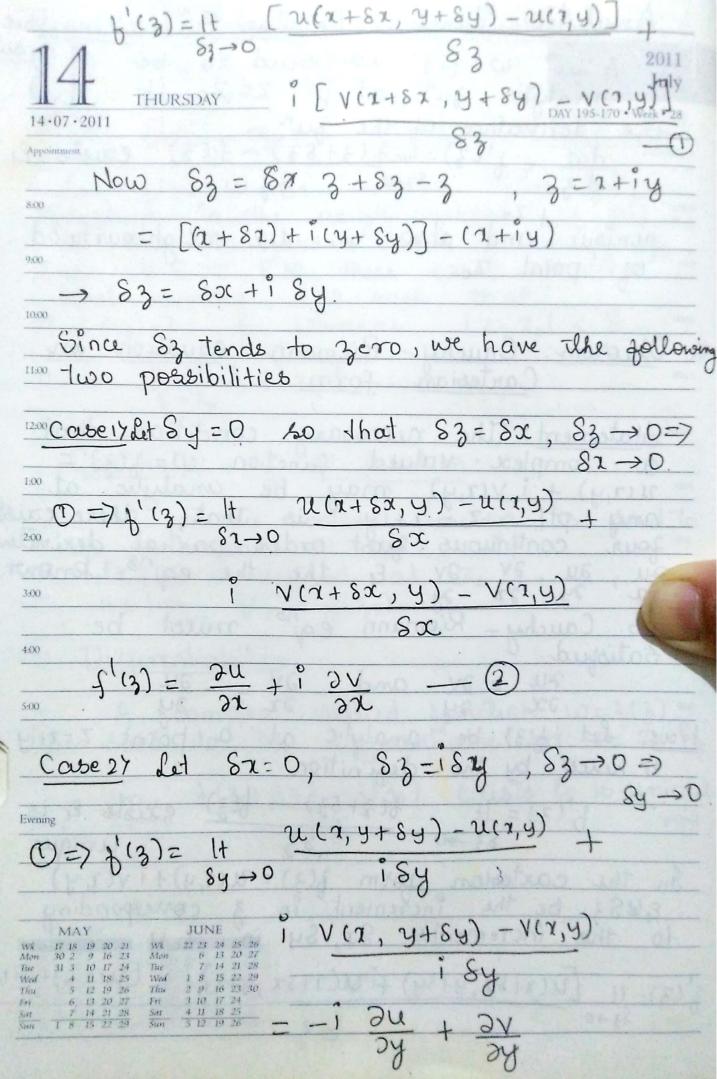
the conjugate of Z is given by Z = x - iy. 3. Geometrical representation of complex number for complex not: 7=2+iy is represented by the point P(2,y) in the co.ordinates axis. The x-axis is referred at I real axis & y-axis is referred as imaginary axis & the plane on which the complex numbers are represented is called Evening complex plane / Z-plane / Aigand plane. P(2,4)



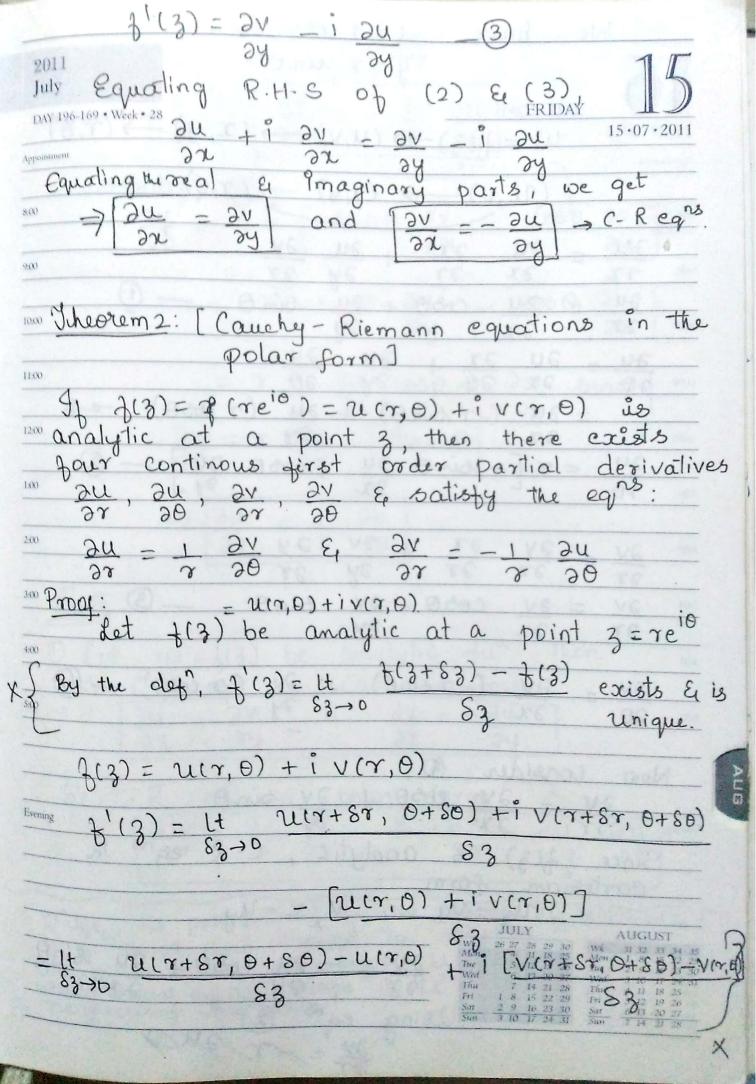








Scanned with CamScanner



```
We have
                                         = 7 sin 0
                                                                                      2011
                                                                                      July
               SATURDAY
                                                         \rightarrow (x, y) \xrightarrow{\text{DAY 197}} (7, 68, \text{Week})^{28}
Appointment
                                                      \rightarrow (7,0)
                                             24
10:00
      20
11:00
      30
                          (-r sino) + zu (r coso)
12:00
       24
                                       <u>24</u>
                                                  + 0000
       30
1:00
                                           3V
2:00
                                                    24
                   NE
                                                     28
3:00
        AV
                             C030 + 2V
                                                   bino
                    NB
4:00
                                                      3v (2 coso)
                             (-rsino)
       31
                    AR
       90
5:00
   Now Consider
                                  3),
               (b(3) is
                                    analytic,
       cartesian form
                                      , Vx E-Uy
                      Uz= Vy
                     22 23 24 25 26

6 13 20 27

7 14 21 28

1 8 15 22 29

2 9 16 23 30

3 10 17 24

4 11 18 25

5 12 18 25
     MAY
    17 18 19 20 21
30 2 9 16 23
31 3 10 17 24
                                                                           du Sino
                                          = - <u>au</u> coso +
                 Mon
Tue
                 Tue
        11 18 25
                 Wed
Wed
      5 . 12
          19 26
                 Thu
Thu
      6 13 20 27
                 Fri
Fri
    7 14 21 28
1 8 15 22 29
                     4 11 18 25
5 12 19 26
                 Sar
Sar
                                                            Scanned with CamScanner
```