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Pop Quiz 4-2206820352- Juan Maxwell Tanaya
   \left[a, \frac{2x+y}{3} - \frac{(2x+y)^2}{9.3} + \frac{(2x+y)^3}{27.5} - \frac{(2x+y)^4}{81.7} + \frac{(2x+y)^5}{243.9} - \dots \right] \frac{3}{3} \left[\frac{2}{3} \left(-1\right)^n \frac{x^n}{n^2 2^n}\right]
                                                                                                                                                                                          (2x+4) (2x+4) (2x+4) (2x+4) (3°, (2x-1))
                                                                                                                                                                                         = 1m | x. 12 |
             1im (2x+4)n+1 x (3^1.(2(x+1)-1)) x (12x+4)n
                                                                                                                                                                               Convergence Set = [1, 1]
     = lim (2x+4 (2n-1))
      = 12x+4)
                                                                                                                                                                            -16×61
                                                                                                                                                                         Us titk x=-1
                                                                     U; titik x=- 2
                                                                                                                                                                       11m (n+1)2 20+1 × n2 20)
                                                                                                                                                                                                                                                       \begin{vmatrix} 1 & n^{2} & 2^{n} \\ 1 & n^{2} & n^{2} & 2^{n+1} \end{vmatrix} = \frac{1}{2} \frac{1}{2
         Convergence Set
                                                                     EXP 2x+4=-5+4
          12x+4/ 6/
         -1<2x+4<1
                                                                                                                                                                  - 11:00 | milynt2 |
                                                                      lim 1 × 3x (2n-1)
        -5 < 2x < -3
                                                                                                                                                                    Forena PLI, x=-1 termusuk | Karena PLI, x=1 termasuk
                                                                     = lim | 2n-1 | = lim = 1 | = n-200 6
         - {< x < - \f
                                                                      = 000 }
                                                                       :1x=- 5 totale termosuk
                                                                                                                                                            4a. 1-2x+ 27 - 827 + 1627 - 32x5 + ...
     Us totak x=-3
                                                                                                                                                                        Kita tahu dahwa
      2x+4= -3+4=1
                                                                                                                                                                        \lim_{n\to\infty} \left| \frac{1}{3^{n+1}(e^{2}n+1)} \times \frac{3^{n}(2n-1)}{1} \right| = 64 \lim_{n\to\infty} \left| \frac{2n-1}{6n+3} \right| = \lim_{n\to\infty} \frac{2}{6}
     1. X=- 2 thate termosuk ([-{\frac{5}{2}},-\frac{2}{2}])
                                                                                                                                                                       Jika kata substitusikan x=-Zx
                                                                                                                                                                      图 1-2+ 学- 왕+ 学- 33+
2, £ (x+2) n.n!.ln(n)
                                                                                                                                                                 Maka for yang merepresentasikan deret tersebut
        lim (x+2)n+1.(n+1)!. |n(n+1)
                                                                                                                                                                 adalah
    = lim (x+21·(n+1)·12(n+1) / [n(n+1)]
                                                                                                                                                                 f(x) = e^{-2x}
   = |X+2|
                                                                                                                                                           Sa, f(x)= x (1-2x1)3
      Convergence Set = (-3,-1)
                                                                                                                                                                     1 = 1+2x+3x2+4x3+ ...
        1x+2/6/
                                                                                                                                                                       2 = 62 + 6x + 12x2 + ...
      -1 < X+2 < 1
                                                                                                                                                                         1-x13 = 1+3x+6x2+ ...
   -3<×<-1
                                                                                                                                                                             (1-2x)) = 1+6x4+12x5+111
     4; titsk x=-3
                                                                         4; titikx=-1
                                                                          x+2=-1+2=1
   X+2=-3+2=-1
   lim | (n+1)! ln(n+1) | A
                                                                          lim n!. ln(n) =
                                                                                                                                                                             f(x)=x2 (1+6x4+12x5+ ...)
= lim (nt) In(n)
                                                                          200
                                                                                                                                                                                           = x2+6x6+12x7+ ...
                                                                       ! Texx x=-1 tidak
1, Titik x=-3 tidak
                                                                               termasuk
        ter masuk
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