ઈન હા મે

1. x, yeI x + xy + y = 9 x(1+y)+(1+y)=10 (1+y)(1+x)=10 X0 1 9 4 -2 -3 -11 -6 y 9 4 0 1 -11 -6 -2 -3  $S = \{(0,9),(1,4),(9,0),(4,1),(-2,-11)\}$ 2. m=9 x3-mx2-6x-8=0, x, +x2+x3 「から、メ、、ス、、ス、カッカのいからからのいられい 1316877から、メュース、アルロいからからいのでない 1316877から、メニス、アルロー、ス、エストト  $\begin{cases} x_1 x_2 + x_1 x_3 + x_2 x_3 = m \\ x_1 x_2 + x_3 = -6 \end{cases} (3)$ かりのことう(1)、 x、x2x3=875つり x、(x,r)(x,r)=8  $(x,r)^3 = 2^3$ 20010=201 (3), x, x, +x, x3 + x2 x3 = m 75 2x, + \$x 273 = m ス(ス(+x3)+x1x3=4) (3(ス(+x3)+x1x3=4) (3) 3 x2=2 31か(2) (5920 x1+x3=-8 ( 20 D = 12,

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3. 2 mgn frigações { Un= 10 Un+1-0 u
 · Uln+1=10Un+1-9n
     Muts = 10 Mm+1 - 8 - 3N
 26 Un+2 - Un+1 = 10 (Un+1 - Un) - 9
 Out Vn = 20n+1 - 21n, Vn+1 = 10 Vn -9
: Vn= pVn+q: \a = \frac{1-p}{q} (2020) = (V,-a) p^2+\a
 60000 20 V = 9.10"+1
 Ene 31 Una, - eln = V 65,76 Un= U, + Z VK
   U_n = 11 + \sum_{n=1}^{\infty} (9.10^{k} + 1) = 11 + 10^n - 10 + n - 1
     Un = 10 + 2
    (1+tona) ws'x+(1+cotx) Sin'x = Je Sinex
4, 16 ಸೆಕೆಲವೆ ಎ:
    Cos3x + Sina Cosx + Sin3x+Cosx Sint x = Ve Sinex
   Cosx (Qsx+Sinx) + Sin x (Sinx+Gsx) = Vesinex
     (Sinx + 65x) (Sin'x + 65x) = V25in2x
             Sina + Cosa = Jasinen ofe
            1+ Sinax = 2Sinax
          70279 2x = I+2TK, KEI
         : S = { T + TK} . KET
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5. {xx} & | xx = 1 + 2 + ... + | x | 1 | x | 1 |
              295 lim /x" +x" + +x"
            20 818=27 Xx= 1 + 2 + + (4+1)
                                                    \chi_{\kappa} = \left(\frac{1}{1!} - \frac{1}{2!}\right) + \left(\frac{1}{2!} - \frac{1}{3!}\right) + \dots + \left(\frac{1}{\kappa!} - \frac{1}{(\kappa+0)!}\right)
                              75 xx = 1 - 1 (k+1)!

\int_{0}^{\infty} \int_{0}^{\infty} \left[ = \lim_{n \to \infty} \frac{1}{\sqrt{x_{1}^{n} + x_{2}^{n} + \dots + x_{2012}^{n}}}{\ln(L) = \lim_{n \to \infty} \frac{\ln(x_{1}^{n} + x_{2}^{n} + \dots + x_{2012}^{n})}{\ln(L) = \lim_{n \to \infty} \frac{\ln(x_{1}^{n} + x_{2}^{n} + \dots + x_{2012}^{n})}{x_{1}^{n} + x_{2}^{n} + \dots + x_{2012}^{n}} \right] \\
= \lim_{n \to \infty} \frac{\ln(x_{1}^{n} + x_{2}^{n} + \dots + x_{2012}^{n})}{x_{1}^{n} + x_{2}^{n} + \dots + x_{2012}^{n}} \\
= \lim_{n \to \infty} \frac{\ln(x_{1}) + x_{2}^{n} + \dots + x_{2012}^{n}}{(x_{2})^{n} + (x_{2})^{n} + (x_{2})^{n} + \dots + x_{2012}^{n}} \\
= \lim_{n \to \infty} \frac{\ln(x_{1}) + (x_{2})^{n} + (x_{2})^{n}}{(x_{2})^{n} + (x_{2})^{n} + (x_{2})^{n} + \dots + x_{2012}^{n}} \\
= \lim_{n \to \infty} \frac{\ln(x_{1}) + (x_{2})^{n} + (x_{2})^{n}}{(x_{2})^{n} + (x_{2})^{n} + (x_{2})^{n} + \dots + x_{2012}^{n}} \\
= \lim_{n \to \infty} \frac{\ln(x_{1}) + (x_{2})^{n} + (x_{2})^{n}}{(x_{2})^{n} + (x_{2})^{n} + (x_{2})^{n} + \dots + x_{2012}^{n}} \\
= \lim_{n \to \infty} \frac{\ln(x_{1}) + (x_{2})^{n} + (x_{2})^{n}}{(x_{2})^{n} + (x_{2})^{n} + \dots + x_{2012}^{n}} \\
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= \lim_{n \to \infty} \frac{\ln(x_{1}) + (x_{1})^{n}}{(x_{1})^{n} + \dots + x_{2012}^{n}} \\
=
                        (22) M = (1) M (250 0)
                    6. fai= 2x+x-2, jungooif(fai)-x vun 210 Put
                                                                                                                                                                                    2x2+2x-1.
              2010=1) f(fin)-x=f(2x2+x-2)-x
                                                                                              = 2 (2x+x-2)+ (2x+x-2)-&-x
                                            f(fins) - x = 2(2x2+x-2)2+2x-2
       のりかりあい Vx がらかりが 2(2x+2x-1)2x2x2-216区
のりかい Vx がらかりが 2(2x+x-2)22x2-216区
のいんかからからののちのらりなりしてか
                       2(2x2+x-2)2+2x2-2= r(x) mod(2x2+2x-1)
                    2 (2x+x-2 - (2x+2x-1))2+2x-4-(2x+2x-1)2x(2)mod(2x+2x-1)
                       2 (x+1)2+2x-3 = r(x) mod (222+2x-1)
                   2 (xx+1+2x)-2x-3 = r(x) mod(2x+2x-1)
                             2x2+3x+2-2x-3 =8(x) mod(2x2+2x-1)
                                                    8x,+3x-1 = x (x) mag (5x,+5x-1)
                    Organisonimosimosio
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