

Fro= Jx' xo=1 6in +(x) - f(x0) , Cin 1 - 1/0 = Cing 1x - 171 x > x 6 x - x 0 x - x 0 x - x 7 L'Hospital: ( 7 VX - F => A- F = 0 gleich (in 1-1=) 1-1=0 (12 - FT) = 2 tx (-1) -1 河本 = 第1 = 17 = 1 Eginge immer 1 AntaySenstellung ist Komisch Mittelpunkt der Grundseite p: 3 1-(3) = 1 13 = 13 Hohe Gerechnen: h= 1- 1 = 13 = 13 = 13 Formel für Wentenlänge: VOICED = V (13) = + (13) = + (13) = 13 + 13 - 131 × + x2 = V 1 - 131 × Gesunttornol: 600 = 3 11-53 x + x2 + x Ableitungen: (1x) = (3/1-43 + x2+x) = 3 2/1-10x+12 · (12+2x)+1 ("CO)=(3 2 /1-13x+12")'(12 +2x) · 3 2/1-13x+x2 (12 +2x)' = 3 4 (1 = XXX) = 3 1-12 xxx (1-12-12) (12+2x) (13+2x) +3-12-0x+ ('cn = 0: 0:3 2 V1- 9 x+x2 ( 2 +2x) +1 E7 3: 2/1- 43 x+x3 ( 2 +2x) 6211-12x+x2 = 3/43+2x) ( ) 1-12x+x2 = 30 +3x 6 1-12x+x2 = 300 +9x 6) 16 - 8 13+16x2= 117 + 144x26)0=107-810x+128x26>0=x2-8137x+128

73) t>0 t, co t, >0 2: g=3 m+ (w+3 m) 3:9: (3 m ( w + 5 m) 3) + 3 ( c + 3 m) まいナインナラーコナラ(レナるの)のラッナランナラーコナ () まっけるしことうしょるし()まかーまし=2 m= 3(レナまの)(のいきるいきの(ころしーまして) |Am/= 12-13 = 2-13 = 4 | m= 3-9-12/ (4~1 = 1号2)=-2·(-号)= 14 ~= 14・2= 74/ 3.2) AT=A-1 Schiefsymmetrisch (0,45) 41 = |AT| = 1A-1 = (-1) |A| => |A| = (-1) |A| => |A| = (-1) |A| => |A| = -|A| => |A| = 0 |A| =0 |A|

4.1) 3+ == = |10 = = dx 51

 $e^{-\frac{x^2}{2}} = \frac{1}{e^{\frac{x^2}{2}}} = \frac{1}{e^x}$ 17ex => 7 7 2 2

61/1dx= x/0=>1-0=1

Assoliationing much uniter ist doof

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R= [(u,5) & R=1 15 fcx) dx =0]
                             fex = 1- 1x1
Reflexivitat. & RE
 Siferdx = 50 1-1xldx for lesuns
Symmetrie: ERn => nRE
 [" fex) dx = - ] = fex)dx =0 = -0 => 0 =0
Transitivitat. & RunnRs => ERS
St Fexicly + Si fexicly = Sifexide -> 0+0=0
Für LOIR:
5" foodx = 5" 1-1x1 dx
  x>0: 10 1-x dx => x-1x26 =>
       My2 = = = = [2] 0 = 1=1=> [2]
Sei x3= 2:
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-3x2-62=-26) 3x2=2-626)x2=3-22

x1+2 x2+32=1=) x1+2 (3-22)+32=16) x1+3-42+32=16) x1+3-1

$$G = \begin{cases} -\frac{1}{3} + 2 \\ \frac{3}{2} - 22 \\ \frac{1}{2} \\ \frac{1}{2}$$