Bagara 1 Dakazami, uno ecu nocilgobamishocus

fulx) pathaupuo exagunes ka unun

mbe k aggueguu flx), a appukgus 36

orpanuten ka mal unoneembe, mo ko crogim il k g(x) f(x), palming # 8>0 3N tu>N treE Ifuce - floke (no onjegenemus producinguos escognicosim fn K F Ka F) IMER-const makas, runo trees gold (no omplgenessus organization organization g(x) na mar ner mer ensurembre E) 19(x)fu(x) - 8(x) f(x) = 18(x) 1 (x) f(x) =) ED Y EDO BU HUDW TKEB [g(x) fu(x) - g(x) f(x)] = (g(x)), |fu(x) - f(x)| < 1/2 ge M=const =>

onpresentation palponephonic

g(x) fn(x) = g(x) F(x) ha E consultame 11 114 OF المرافق الرالد Jagara 2

Willingolams we crogrimonic in paskalight

White information culgypolitic passes in a constitution

The cos (1 + 4x²) | E=R

When opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 2+m²x²)

Line opene , & uncx = los (1 + 0 = lenex) = 1 + 1 = aspagestorn escaparequier 5 un(x) - seogunce vomoreryo mig => no hpuznaky Beiege umjacca E un (1) - pablianeprio cocogienica na E 2) \(\frac{5}{2} (-1)^4 \log(\frac{3+\chi\s^5}{2+\chi\s^5}) \), \(E = \text{[1;+\sqrt]} un quencupobarnan x unix) = log 3+toli = log(1+ 21xJus) - resummente congentiument KO O upe x E => no mugnoring denomina tics 2(-1) Un(x) - exagement tres the ew unix > unix > 0 E (-1) unlx) = 1 lever - leves (x) + unex(x) - ... =

summer borneme would sum bis months of months of months of the last of the specimens of the second o 11 (1) = log (1+ 1+x Just) < log (1+ 1/1) < log (1+ 1/1) 100 kor E man kon Ex 021 -> 3 \(\(\) \ Congerned Ka E. lagara 34 Dokazams, uno noclegobamentenens fulx)=hx (1+x2)h magument ka [0,1] k kenjepolonai opyrkoju f(x), ko $\lim_{h \to +\infty} \int_{b}^{1} f_{n}(x) dx + \int_{0}^{1} f(x) dx$ upe sc20 fa(x)=0, upe x=1 fa(x)=0

upe sc2(0;1) fa(x) = 4x, e 4(11-x) = - (11-x) 0 (e-nen(1-sis) a->+0 , kple speccu pobasekole X, man na Cull-22 (0 mpu x c(0;1); =3 fulis = F(x) = 6 - Herperselved

S' fu(x) dx = 4 1 (1-202)4 d(x2) = -4 12 (1-44) =- 1 , (1-294+1) = - 1 (0 - 1) = 1 4 Sf(x)dx = Stodx = 0 lim state lim 1. h - 1 / flx/dx 4.T.D Bagara 4 Medegobanne comencemente piegne ka laggione lamb ha georgians): 1) \$ (1-1) 42 4 1 = ein Vani = eim (1-1) = e-1 => R=e E(e(1-1)")" en(e(1-1)")"= n(1+ren11-1)

x47 de = 1 (1 + 1 - 1 + 0 (1)) you n 31 5 4(1-1- 2n + 0(1)) = - \frac{1}{1+0(1)} = -\frac{1}{1+0(1)} = -\f => puls paccoopermed; x == e \(\frac{1}{2} \) \(\frac{1}{ passogamed man can whene es pag escognina (-e; e) 2) 5 a(a-1) ... (a - (n-1)) x 4 : = 8 u uper a car v fog kun noa by so so putg ungumes oca IR upur agin vlog welly (a-1), (a-(n-1)), (n+1)!

welly (a-1)...(a-(n-1))(a-4) X=1: 2 en upue a <0 ent (-1) ", (-a)(-a+1)...(-a+n-1) - (-1)(n Cuso a cut = -ath = 4+1-a-1 = ++ (-a-1) upe a <-1 en - indiomonino bispacinal =>(-1) 0, 50 man kak Cu>0 => E.lu pacexogumes upu -1 ca co: 184) = Cn: 4 (to 1) = 4 (41 -1) = 4 1 h+ 1+q-4 4>+ 00 00+1>0

Porable ZCn = 2/en/ - choques => 2 8 4 - chaque mu a > 0] New : N-1 < a < N ; & en = & en 1 + 5 Bin upe 12 N By - (a (a-1) 11 (a (a-1)) (a (-1) n-N = (-1)n.N . d. du >0 1611=dn (dn -1)=4(4+1-1)=4 4+1-40 = a+1> 0 => no musicam Paase 2 du 2 1611слодиния = 5 5 ви - слодиния; ; = 5 2(-1) 1/6 г ири a>-1 = 5 2(-1) 1/6 your legenor upue ax-1 (-1) 6 n = (-1)2 cn = cn; cnмоноточно 1 ч сп>6 25 Cn +56=> шев pacescoquenca, man pour ne sunound resolvezeme guestre cogemes une

burben: uper a E 10 V log pag exogumen na 18 ири a 4 N V 26 д и и с с содания ка (-1;1) uper a>-1 près exagennes na 5-1;13 Bagara 5 Tyu kakusa znorekuax x cxogunea Terronerhoe moughegerene. 17 (++ (++ 1) ~ E en (++ 1) me

4:1 ma 1x1> e (1+1)4 - monomorno bozracualn ne mo ecus # n e/N (1+1) n < c < |x| => (1+1) n < c < |x| => payeoneule no Themopre 2 $8x(x) = (1+\frac{1}{x})^{n} + 0(1+\frac{1}{x})^{n}$ Halenompun E (1+1)42 y

1 - ein (1+ 4) - e => R = e + 1, y + 1 => yu 1 - ein Van - ein (1 + 2) - e -> R - e-1, z= = > mu 1x1>e 1 z|xe = 1 m/11+1/m escogumed Bulice = 24 +0 ((1+ =) 1) => Ebula - 40 02/24/50 Bu ((1+4)12) = h (hen(1+4) - lulx) -= 4 (h (h - 242 + 6 (1)) - en (x1) = = 4(1 - en 1x1 - 1 + o(1)) = 4(1-lulx) 4 3 to no generality because

4 4 to Bn(x) = en(1+(-1) 1 (1+1) 12) 50 we n 3 to been =) preg pacagement mak kak ke boundetelle treoproquerse yearbul gelit => Ombem; upaigbegenne escogniment, uple 1x1>e