Hepycoud Drumpai KC-26 Nekyrg 8 Annipokourayus okonopurichaarotusix oarresix

Загана анпроксимации зака-сл в отогомании аналит зависимостей у = f(x) полученной таба. фун. вущ-т г способа анпроксимации опотти башных

1) Uktepnongyun tpedyet, utoon annpokcumupytowar kpubar p(x), akametuyeckun bud kotopañ neodxoduno nañtu, npoxoduna nepez bre yzubor toum tadhuyor. Ity zad noxteo pem. unt. me. 4.

Ph(x) = aoxh+aixn-1+aixh-2+...+an-1x1+an
HeDoctathur, yell touteoute Torkho tha 7-8 tada.
Toukax, Morpenetroctu hpu ugnepetum okun. JahHEIX.

2) Стлаживание опостн. Раниту (аппроксилияслия). Сущность этого метога состоит в том, ито тагл. Ранке аппроксилируются кривой р(х), которая не обязатольно голжна пройти через все узлож точки, а гожна как бо стладить все смучайные помехи табл. фун. Craxulo plaum. XI
B From Samberra
Tak woo been

UzSabun

yxnohem nobox

Bay. p En Uznepetu Ten Sous

default

Ecun used

Crnaxubateur onormon Darthon Mero Zom naun, Klasparob. Lawrenx B From metade upu crnakulateum onocheox Sameoux anny kpuligo y(x) copeniarca nobsetu скании Tak suroso eë otkaohetus Ei ot Tad cathers efettor Le been youborn T. Some Much-MO; T.C. $\varepsilon_t = |\varphi(x_t) - y_t| \Rightarrow \min$ Ussabunca or zuena ormonefecus: Q= Ei= (y(x)-y)) compy-LES KOTO-Cyto Mtk: otockate areanut. zal. p(x), cynna xb-b uepez укленений которой от такл. ганных во всех уз-MOXHO - notorx Tourax Joina dos mun, T.R. Q= = pi(q(xi)-y(xi))=min(s), ree pian become nordan १ रवर्ष. KCH. Sath Bay. p Eng i-où Tours nousanos causca Tourcocru измерения банного значения: чем блешер, kceraea-Ten Somme annp. Kyubas, nowar & Eathered T. r & Jew, default set up for p=1 puboci пройти Eun usected Jach- (uckochas) norpemenous, र विश TO VERE 1-ogh.

Annpokeunasus kanopungeenun nonthonom Borsepen Sayuctione dyn. & Buse moones. Cren. артум.х. φο (x) = x°=1; φι(x) = x+; φm(x) = xh, m < n T.e. uchom d-you p(x) Tydet uz macea arred. report where even in: 4(x) = Pm(x) = Qox + + anx Annpokenmupyionsur reported he reported uepez la yzrobore rounu rada. Mostory ero even in the zabucut of ux nucka; 12m2N-2 Mai m=0 MH-H nputumaer but; q(x)=Po(x)=a0 Dig haxoxo. neuzb. kord. ao uneen ype: ao = Zyi Eau M=1 , TO MH. annp. Tacon . ogh. npareoù Muturen. To maz-97 MH. perpeccuent Annp nometical inputumaer beed: q(x)=Pr(x)=a+bx Зкан корф. а и в можно получеть по форм: a=y-bx $b = \frac{\sum_{i=0}^{n} (x_i - \bar{x}) / y_i - \bar{y}}{\sum_{i=0}^{n} (x_i - \bar{x})^2}; \bar{x} = \sum_{i=0}^{n} x_i, \bar{y} = \sum_{i=0}^{n} x_i$ Eau ucnouszyercz mukorow bropoù crenetiu P2 (x)= a0+ a1x+ a2x2, TO HOPKI. CLIED YP-4 republic - maet beed:

 $\frac{\partial R}{\partial a_c} = 2$

3R = 2

 $\frac{\partial R}{\partial a_2} = 2$

Kysumec Ean m nomen.

5= 5 (a 1=0 xi

 $a_j = \overline{1}_5$

Heorxod palencol raxed

SS 500

35 SIQM

$$\frac{\partial R}{\partial a_{c}} = 2 \sum_{i=0}^{\infty} (a_{o} + a_{i} \times x_{i} + a_{2} \times x_{i}^{2} - y_{i}) = 0$$

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Распрован споли и перенося св. члено получи Co ao + Ca + Ca + + + 6 Cmam = do Optorohand (C100+ C201+C302+.+ Cm+10m=d) Ch-60 opror [Xos Xn], w LCmao + Cm+1a1+... + Czmam = dm charaptere ree a; - news. CNAY Sp(x)4; (x)4 CK = \(\int \times \times \), k = \(\otimes \) 2m - KO36. Dry Takux palencoba: do= Zyrxi , 5=0,m - cl. xereter Jac(x) Q; (x Autopura pemering zasami anaporcumayun; Ecrus kpone 1) Cipaum auer un up-e Onperengem Kood. Cx, is clos, uneter dx. T. x cucr. curun-Ha To recopsit, OTHER TA. SUAT, TO EMPER. TOAGHO HESWAR BACK optonohom 2) Pemaen Chay merodon Payoca. Horkoviem kost. a, annpountina 3) Copour anny MH-H & onper ero znauetro B vaxeoù yzroboù Touke Pi = Pm (xi) ч) Находин оттонение каждай узл. тошки Ei=Pi-yi 6) Hax-M OCT. Sucrepce to D= S N-(M+1)

Optorohanbhoots nonutional Св-во орготональности зам. в том, что отрезок [xi; xn], na notopon oбpansaiora в внумь charapterse upont nouthered parties nopisha J p(x) ψ; (x) ψx (x) dx =0; j + k, p- μεκοτορούς lec-> Dry Takux reprovenessed Qilx) enpalednulos polencoba: Jai(x) Qj(x)dx=0, an i+j Ecru repone voro Jai (x) dex = 1, (i=0, n) uus D. To resoprit, wo run- ten Qi(x) of pazyter -Ha ортопонамьную систему. Drem keep. no been