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| 1-variant.1. Teylor ko‘phadi. Peano ko‘rinishdagi qoldiq hadli Teylor formulasi.2. . f(x) = x4 + 2x3-3x2 – 4x+1 ko‘phadni x+1 ning darajalari bo‘yicha yoying. . f(x) = x4 + 2x3-3x2 – 4x+1 ko‘phadni x+1 ning darajalari bo‘yicha yoying.3.  funksiyani x0=-1dagi n- tartibli Teylor formulasini yozing. | 2-variant.1. Teylor formulasining Lagranj ko‘rinishdagi qoldiq hadi.2. . f(x) = x4 - 5x3 + x2 – 3x + 4 ko‘phadni x - 4 ning darajalari bo‘yicha yoying.3. . f(x) = xex funksiyani x0=0 dagi n-tartibli Makloren formulasini yozing. |
| 3-variant.1.Teylor formulasining Koshi ko‘rinishidagi qoldiq hadi tushunchalar.2. . f(x) = (x2 - 3x + 1)3 ko‘phadni x ning darajalari bo‘yicha yoying.3. . f(x) =x3 lnx funksiyani x0=1dagi n- tartibli Teylor formulasini yozing | 4-variant.1. Trigonometrik funksiyalar uchun Makloren formulasi.2.  funksiyani x0=4 dagi n- tartibli Teylor formulasini yozing.3. . f(x) = sin2x funksiyani x0=0 dagi 2n- tartibli Teylor formulasini yozing. |
| 5-variant.1. f(x)=(1+x)μ (μ∈) funksiya uchun Makloren formulasi.2. f(x)=$x^{4}+2x^{3}-3x^{2}-4x+1$ ko’phadni x+1 ning darajalari bo’yiga yoying.3.$(x^{2}-3x+1)^{3} $ko’phadni x ning darajalari bo’yicha yoying. | 6-variant.1.f(x)=ln(1+x) funksiya uchun Makloren formulasi.2. f(x)=$x^{4}-5x^{3}+x^{2}+4 $ ko’phadni x-4 ning darajalari bo’yicha ayting.3. f(x)=$\frac{1}{x}$ funksiyani $x\_{0}=-1 $dagi n-tartibli Teylor formulasini yozing. |