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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)= ko’phadni x+1 ning darajalari bo’yiga yoying.  3.ko’phadni x ning darajalari bo’yicha yoying. | 6-variant.  1.f(x)=ln(1+x) funksiya uchun Makloren formulasi.  2. f(x)= ko’phadni x-4 ning darajalari bo’yicha ayting.  3. f(x)= funksiyani dagi n-tartibli Teylor formulasini yozing. |