Durnitera Ronde Andersi Gerupa 157

2)
$$\int \frac{2}{2} + \lambda m = d\lambda_2 = 1$$

$$|2|=1,5 \quad 2(2-1)^2(2+6)^2$$

 $f \in O((-20, 1, -44)$ $z = 0 \in Jnt D, z = 1 \in Jnt D, z = -4 \notin Jnt D$ $=) i = 2 \pi i | Roz (f, 0) + Roz (f, 1) i$ Roz (f, 0) : lim | f(z) | = 20

=) z = 0 pol M f do ordin 1 =) z = 0 [7-1]! (z = 0) z = 0= z = 0 (z = 0) z = 0= z = 0 z = 0 (z = 0) z = 0= z = 0 z = 0 (z = 0) z = 0 (z = 0) z = 0=) z = 0 z = 0 z = 0 (z = 0) z = 0 (z = 0) z = 0

202(f, 1): lim | f (1) = 00 =) == 1 pol de ordin 2 nentour f =) $202(1,1)=\lim_{z\to 1} \frac{1}{(2-1)!} (12-1)^2 f(z)) = \lim_{z\to 1} \frac{1}{(2-1)!} (2+in+2)$ = lm (2+im 2) = lim (2+im2) (2(2+4))-(2(2+4))(2+im2)= 2-1 (2(2+4)) 2+1 22(2+4)4 = lim (22+con 2) 2(2+4) -12 +162+82 /(2+im 2) = 2 (2+4) = lm (22+ co12) 2(2+4) - (32+16+162) (2+ nm2) 2-11 2 12+41 2 (2+con 1). 25-35 (1+mm 1)=50+25 con 1-35-35mm1= 525 275+25 con 1-35 mm 1=3+5 con 1-4 mm 1 =) 302(1,1)=3+5 van 1-7 vm 1 =) 1=2TT, (Poz(f,0)+Poz(f,1))=2TT, (0+3+5 con1-7 con1) 725 =2171 (3+5 con1-7 m 1)

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