مرا العرب : أر تيم الحالح مد همائي ج تيسي مأسد مدان (الحالح رام عمي عراكاي $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n + \sum_{n=1}^{\infty} \frac{b_n}{(2-20)^n}}{(2-20)^n} + \sum_{n=0}^{\infty} \frac{b_n}{(2-20)^n}$ $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n + \sum_{n=1}^{\infty} \frac{b_n}{(2-20)^n}}{(2-20)^n}$ $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n + \sum_{n=1}^{\infty} \frac{b_n}{(2-20)^n}$ $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n}{(2-20)^n}$ $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n + \sum_{n=1}^{\infty} \frac{b_n}{(2-20)^n}$ $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n + \sum_{n=1}^{\infty} \frac{b_n}{(2-20)^n}$ $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n + \sum_{n=1}^{\infty} \frac{b_n}{(2-20)^n}$ $\frac{f(21 = \sum_{n=0}^{\infty} a_n (2-2))^n}{(2-20)^n}$ vi Jubi-dí $f(2) = \frac{1}{2^2 - 32 + 2}$ - 0 , 12/21 - iv) 12172 - 2. 12122

$$\frac{|z|}{|z|} = \frac{1}{|z|^2} = -\frac{1}{|z|^2} = -\frac{1}{|z|} = -\frac{1}{|z|}$$

$$f_{2}(1) = \frac{1}{2 \cdot 2} = \frac{1}{2(1 - \frac{2}{2})} = \frac{1}{2} \left[1 + \frac{2}{2} + (\frac{2}{2})^{2} + (\frac{2}{2})^{3} + \dots \right]$$

$$f_{1}(1) = \frac{1}{2 \cdot 2} = \frac{1}{2(1 - \frac{2}{2})} = \frac{1}{2} \left[1 + \frac{2}{2} + (\frac{2}{2})^{2} + (\frac{2}{2})^{3} + \dots \right]$$

$$f_{1}(2) = f_{1}(2) + f_{2}(2) = -\frac{2}{2} \cdot \frac{1}{2} + \frac{2}{2} \cdot \frac{2}{2} + \frac{2}{2} \cdot \frac{2}{2} + \frac{2}{2} \cdot \frac{2}{2} \cdot \frac{2}{2} + \frac{2}{2} \cdot \frac{2}{2$$

$$f(t) = 5(t-3)^{2} + 10(t-3)^{2} + 40(t-3)^{4} - dt$$

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$$f(t) = \frac{5}{2-1} \qquad f(t) = \frac{4}{2} \qquad f(t) = \frac{4}{2}$$

$$f(t) = \frac{4}{2-0} = 4(t-3)^{2} + 10(t-3)^{2} + 40(t-3)^{4} + 40(t-$$

$$f(t) = \frac{\varphi(t)}{(t-t_0)^m} = \frac{\varphi(t)}{(t-t_0)^m} = \frac{\varphi(m-1)(t_0)}{(t-t_0)^m} = \frac{\varphi(m-1)(t_0)}{(m-1)!} = \frac{\varphi(m-1)(t_0)}{(m$$

Est oil Toll July 20 19(21) 5(21) 5(21) - f(21) - f(21) (PCZ0) #0 2 vois = P(Z.) } 2 vois = - 4(Zol) q (元。)=0 q (7,1 70 (1) sintegut jet, 19, p 2/15 2. = 0 1) eigh, flt1= Cos 2 Sui 7 -04 0/10 = P(0) = 00 = 1

q'(1) Coo Plo1= Cro+0, 9lo1= 20=0, 9(20) #0 Com: 67. 1 - (1) P(2) +0, 9(2) +00, 9(2) =9(2)=0

$$\int (21 - \frac{1}{Z(e^{2} - 1)}) \cdot \frac{1}{2} \int e^{2} = 0 \text{ sind-di}$$

$$f(t) = \frac{1}{2} (e^{2} - 1) \Rightarrow f(0) = 0$$

$$f'(t) = (e^{2} - 1) + 2e^{2} \Rightarrow f'(0) = 0$$

$$f''(t) = e^{2} + te^{2} + e^{2} \Rightarrow f''(0) = 2 \neq 0$$

$$f''(t) = 2e^{2} + e^{2} + te^{2} \Rightarrow f''(0) = 3$$

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اردم محالت (مع) بوده من نظر اله اله ما والله عالم ما والرئي عبي طرلاني ما بد. $f(z) = (z-1) \left[1 - \frac{1}{2!(z-1)^2} + \frac{1}{4!(z-1)^4} - \frac{1}{6!(z-1)^6} + \cdots \right]$ $f(2) = (2-1) - \frac{1}{2!(2-1)} + \frac{1}{4!(2-1)^3}$ 2. Wla -/2! Nov. (2-1) - Crés es deser

$$f(z) = z^{2} e^{\frac{1}{2}+1} = (z+1-1)^{2} \left[1 + \frac{1}{2+1} + \frac{1}{2!(z+1)^{2}} + \frac{1}{3!(z+1)^{3}} + \cdots\right]$$

$$f(z) = \left[(z+1)^{2} - 2(z+1) + 1\right] \left[1 + \frac{1}{2+1} + \frac{1}{2!(z+1)^{2}} + \frac{1}{3!(z+1)^{3}} + \cdots\right]$$

$$int_{ab}(z) = \left[(z+1)^{2} - 2(z+1) + 1\right] \left[1 + \frac{1}{2+1} + \frac{1}{2!(z+1)^{2}} + \frac{1}{3!(z+1)^{3}} + \cdots\right]$$

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$$int_{ab}(z) = \left[(z+1)^{2} - 2(z+1) + 1\right] \left[1 + \frac{1}{2+1} + \frac{1}{2!(z+1)^{2}} + \frac{1}{3!(z+1)^{3}} + \cdots\right]$$

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$$int_{ab}(z) = \left[(z+1)^{2} - 2(z+1) + 1\right]$$

$$int_{ab}(z) = \left[(z+1)^{2} - 2$$

Most post sind buis bound int - di My 2=1, 2=0 2ébű it in war as 2=1 * Re [1] = h (2-1) f(2) = e ، وعمر المان المعالية على الماري الماري الماري الماري الماري . ومن الماري الما $f(t) = \frac{1}{(2-1)} \cdot e^{t} = \frac{-1}{1-2} \cdot e^{t} = -1[1+t+2^{2}+2^{3}+m)[1+\frac{1}{2}+\frac{1}{2!2}z^{2}+\frac{1}{3!2}]$ راوس کے اوران صوری فارس کی . $f(z) = -1(1+\frac{1}{2!}+\frac{1}{3!}+1)Z+$ wind = $-(1+\frac{1}{2!}+\frac{1}{3!}+1)=-e+1$ C=1+1+/2, +==++1111 ; 20

$$f(z) = \frac{1}{z-1} = \frac{1}{z} = \frac{1}{z} = -1$$

$$f(z) = \frac{1}{z-1} = \frac{1}{z} = \frac{1}{z} = -2$$

$$f(z) = \frac{1}{z} = \frac{1}{z-1} = \frac{1}{z} = -3$$

$$f(z) = \frac{1}{z-1} = \frac{1}{z} = -3$$

$$f(z) = \frac{1}{z-1} = \frac{1}{z} = -4$$