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P.15.5 说 y=fox 在[a,b]上可能,三]fox1=L, (yx ∈[a,b]) dun 4-42.
              其中上海教。记明: Fax= fatalt. 在[a, h] 主流经济
                  \mathbb{Z}_p \mid F(x_1) - F(x_2) \mid \leq L \mid x_1 - x_2 \mid
                  F(x_1) - F(x_2) = \int_a^{x_1} f(t)dt - \int_a^{x_2} f(t)dt = \int_{x_1}^{x_2} f(t)dt = f(t) \cdot (x_1 - x_2)
                   |f(x_1) - f(x_2)| = |f(x_1) \cdot |\chi_1 - \chi_2| \leq L |\chi_1 - \chi_2|.
 \underline{\text{P.i.t.6}} \quad \text{ZED} \quad g(x) = \int_{0}^{x} (e^{t}) \int_{0}^{x} \sin^{2} dx \, dx \, dt \, , \quad \text{Ti} \quad g'(x).
          g'(x) = e^{x} \cdot \int_{0}^{x} \sin^{2} dx
                          g'(x) = e^{x} \int_{0}^{x} s_{m} dx + e^{x} \cdot s_{m} x
                                    =e^{\pi \cdot [-c_{0}?]_{o}^{\alpha}}+e^{\pi \cdot s_{m}^{\alpha}\chi}
                                     = e^{\pi} (-G_1 \chi + 1) + e^{\chi} \cdot Sm \chi
                                     = e^{\chi} (3m \chi - G\chi \chi + 1).
\frac{722-8}{3} \frac{7.120.3}{10}  (1)  \lim_{n\to\infty} \frac{5}{n} \frac{1}{n} \sin \frac{k}{n} = \int_0^1 \sin n \, dn = 1 - \cos 1 .
                           (2) \lim_{n\to\infty} \frac{\sum_{k=1}^{n} \frac{k^3}{n^4}}{\frac{1}{n^4}} = \lim_{n\to\infty} \frac{\sum_{k=1}^{n} \frac{k^3}{n^2}}{\frac{1}{n^2}} \cdot \frac{1}{n} = \int_{n}^{1} x^3 dx = \frac{1}{4}
                           (3) \lim_{n\to\infty} \frac{n}{n+k} = \lim_{n\to\infty} \frac{n}{n+k} \cdot \frac{1}{n} = \int_0^1 \frac{dn}{n+k} = \ln 2.
 \frac{P.120.4}{[4]} \int_{0}^{2\pi} |\sin x| dx = \int_{0}^{\pi} |\sin x| dx + \int_{\pi}^{2\pi} |\sin x| dx = \int_{0}^{\pi} \sin x dx + \int_{\pi}^{2\pi} (-\sin x) dx = [-\cos x]_{0}^{\pi} + [\cos x]_{\pi}^{\pi}
                (5) \int_{0}^{2} (\chi - [\chi]) d\chi = \int_{0}^{2} \chi d\chi - \int_{0}^{2} [\chi] d\chi = (-2) + 2 = 4.
 记明·存在一点(((a,b), 1) F(b)-F(a)=F(c)·(b-a)
            \sqrt{2}: \int_{a}^{b} F(x) dx = F(c) (b-a), c \in [a, b]
                    \Rightarrow \int_{a}^{b} F'(x) dx = \int_{a}^{b} dF(x) = F(b) - F(a), \quad \text{or } F(b) - F(a) = F(c) \cdot (b-a), \quad \text{cel}(a,b)
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