

Figure 10 to the contraction of the contraction of

mogumoumb peoplo Pypte 6 morke

1-2T-reprogramos opyrkyus, f ∈ L. Ha ompezke grunn II,

| If (t) | dt, o < δ ≤ 2T u | If (t) | dt

| Tsin t/2

| Oxoganica u pacxoganica ogrobpenerino

 \mathcal{D}_{0k-b0} $\delta > 0$ $\frac{1}{2\sin \frac{1}{2}} \in \mathbb{R}\left[\delta, \tau\right]$

 $\frac{def}{def} \sqrt{78}$ $\exists \lim_{h \to +0} f(x_0 + h) := f(x_0 + 0) \text{ rpu}$ $\frac{def}{def} \sqrt{78}$ $\frac{def}{def} \sqrt{78$

det x_0 - peny sapraes mo-ika no Jasey, eau $f(x_0) = \frac{f(x_0+o) + f(x_0-o)}{1}$

 $f(x_{o}) = \frac{+(x_{o}+0)++(x_{o}-0)}{\lambda}$ $\int_{x_{o}}^{x_{o}} -m_{o} \cdot k_{o} = p_{o} \cdot p_{o} \cdot k_{o} = p_{o} \cdot$

Th (Tpurpak Duru) N80If - 211-reprogurvas dynkyus, $f \in L$ na ompeze guuru 211 morga ecuu x abusence morkou nenpepubuanu uuu pazpuba L poga doynkyuu f u gus nekompou $\delta \in (0, \pi)$ $\int \frac{|f_{*}^{*}(t)|}{t} dt - cxogumcs, no psg Pyple doynkyuu <math>f$ cxogumca f (2 b) f (3) f (3) f (4) f (4) f (5) f (6) f (6) f (7) f (7) f (7) f (8) f (8) f (9) f (9) f (9) f (10) f (11) f (12) f (13) f (14) f (15) f (16) f (16) f (17) f (17) f (18) f

regenbre 1 181 B mosot pennapion morke pag Pypse cragimes & zuarenno spyrkjun

Ecul b(x) = 0 ognocmoporume rpouzbogure, no pag Pypse cocoguma $k = \frac{f(x+o) + f(x-o)}{2}$

Pag Pyple kycorno-gupopuperryupyenoù pynkyur na [-JT, π]
b morkanc \in (-JT, π) coogumea \times $\frac{f(X-0)+f(X+0)}{2}$ a na kpaax \times $\frac{f(J-0)+f(J-0)}{2}$

Dox-bo: $S_{n}(x,f) - \frac{f(x+o) + f(x-o)}{2} = \frac{1}{\pi i} D_{n}(t) [f(x+t) + f(x-t)] dt - \frac{f(x+o) + f(x-o)}{2} \frac{2}{\pi i} D_{n}(t) dt = \frac{1}{\pi i} \int_{\frac{1}{2}} \frac{f_{x}^{*}(t)}{2\sin t_{x}^{*}} [\sin (n+\frac{1}{2})t] dt$ $\int_{0}^{\infty} \frac{|f_{x}^{*}(t)|}{t} \int_{0}^{\infty} \frac{|f_{x}^{*}(t)|}{2\sin t_{x}^{*}} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \int_{0}^{\infty} \frac{|f_{x}^{*}(t)|}{2\sin t_{x}^{*}} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \int_{0}^{\infty} \frac{|f_{x}^{*}(t)|}{2\sin t_{x}^{*}} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \int_{0}^{\infty} \frac{|f_{x}^{*}(t)|}{2\sin t_{x}^{*}} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \int_{0}^{\infty} \frac{|f_{x}^{*}(t)|}{2\sin t_{x}^{*}} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \int_{0}^{\infty} \frac{|f_{x}^{*}(t)|}{2\sin t_{x}^{*}} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{2}{\pi i} \frac{\partial f(x+o) + f(x-o)}{\partial x + i} \frac{\partial f(x+o)}{\partial x + i} \frac{\partial f(x+o$

The problem of the p

 $2 f(x) = \frac{r + \cos x}{1 + 2r\cos x + r^{2}}, |r| \le 1$ $\cos x = \frac{e^{ix} + e^{-ix}}{2} = \frac{t^{2} + 1}{2t}, |t| = e^{ix}$ $\frac{r + \cos x}{1 + 2r\cos x + r^{2}} = \frac{1}{2} \left[\frac{t}{1 + r} + \frac{1}{t + r} \right] |t| = 1$ $\frac{t}{1 + rt} = \frac{1}{r} \left(\frac{rt}{1 + rt} \right) = \frac{1}{r} \sum_{n=1}^{\infty} (-1)^{n-1} (rt)^{n}$ $\frac{1}{t + r} = \frac{1}{r} \left(\frac{rt}{1 + rt} \right) = \frac{1}{r} \sum_{n=1}^{\infty} (-1)^{n-1} r^{n} \cos(nx)$ $\frac{r + \cos x}{1 + 2r\cos x + r^{2}} = \frac{1}{r} \sum_{n=1}^{\infty} (-1)^{n-1} r^{n} \cos(nx)$