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• 2k is a power of 2 if $|F(z)|$ is a monomial.

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$\mu_{\text{max}} = 0.25 \text{ h}^{-1}$, $K_m = 0.05 \text{ g/L}$, $\mu_{\text{max}} = 0.25 \text{ h}^{-1}$, $K_m = 0.05 \text{ g/L}$

$|F(\omega)|$ is the magnitude of the Fourier transform of $f(t)$ and $|F(\omega)|^2$ is the power spectrum of $f(t)$.

ASPHEN A-2 mit Nd_2O_3 (Sp. $\text{NdO} = \text{Nd}_2\text{O}_3$) - 05.11.

5. $\mathcal{K}$ - a simple group, $\mathcal{K}$ -S action, $|F(\mathcal{K})|$ is

okalen Leen

2. Angewandte Zahlentheorie: $\{F_n(2)\}_{n=1}^{\infty}$ ist eine Folge von natürlichen Zahlen.

einige weitere $\sum_{k=1}^{\infty} f_k(z)$, $k \in \mathbb{N}$ mit $|f_k(z)| \leq |f_{k-1}(z)|$ für $z \in D$. $f(z) = \lim_{n \rightarrow \infty} f_n(z)$

$$(z \in U) \quad f'(z) = \lim_{n \rightarrow \infty} f_n'(z) \quad \text{p. 1. U. n. v. l. d. n. } f(z) \quad \underline{\text{sk.}} \quad \text{K. d. } f(z) \text{ - s.}$$

$\{f_n(z)\}_{n \in \mathbb{N}}$ - series of functions $f_n(z)$ converges uniformly on D to $f(z)$

2017

: $\{2-1/4r \mid r \in \mathbb{N}\}$. $\{2 \mid 2-1/4r\} \subseteq U$ is also true, and so

$$|z-a|=r \quad \text{für } n \geq 2 \quad \text{einmal um } z \quad \left\{ \frac{f_n(z)}{z-a} \right\}_{n=1}^{\infty} \quad \text{mit } f_n(z) = \frac{1}{2\pi i} \int_{|z-a|=r} \frac{f_n(z)}{z-a} dz$$

$$\max_{|z-a|=r} \left| \frac{f_1(z)}{z-a} - \frac{f(z)}{z-a} \right| = \max_{|z-a|=r} \frac{|f_1(z) - f(z)|}{|z-a|} \leq \max_{|z-a|=r} \frac{(|f_1(z) - f(z)|)}{r} \xrightarrow{r \rightarrow 0} 0$$

$|z-a| \geq |z-a| - |z-a|$

$$f(z) = \frac{1}{2\pi i} \int_{|z-w|=r} \frac{F(w)}{z-w} dw \quad \text{für} \quad \int_{|z-w|=r} \frac{F(w)}{z-w} dw \xrightarrow{r \rightarrow \infty} \int_{|z-w|=r} \frac{F(w)}{z-w} dw \quad \text{für } r \rightarrow \infty$$

[illegible]

$$f'(z) = \frac{1}{2\pi i} \int_{|\zeta-z|=\rho} \frac{f(\zeta)}{(\zeta-z)^2} d\zeta \quad \text{wie schon.} \quad \text{U.a. n.f. d. f(z) ist, alle SS per se}$$

$$\frac{f_n(z)}{(z-z_0)^n} \cdot \gamma_{\rho,0} = \text{PIP INS PIPD SE} \quad \cdot \quad f_n(z) = \frac{1}{2\pi i} \int_{|z-a|=\rho} \frac{f_n(z)}{(z-z)^n} dz \quad \rho \text{ INS}$$

$$\frac{f(z)}{(z-a)^2} \rightarrow \lim_{z \rightarrow a} f(z) = r \text{ Sign: } \text{Sign of } \lim_{z \rightarrow a} f(z)$$

$$z \in U \implies f'_n(z) \xrightarrow{1} f'(z) \quad \leftarrow$$

[illegible]