Sample of Arsenal Math font

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Introduction

Arsenal Math is created from KpMath-Sans and Arsenal font, both licensed under OFL. The math symbols are from KpMath-Sans font; Latin characters and numerals are from Arsenal font.

Results

Theorem 1 (Residue Theorem)**.** *Let f be analytic in the region G except for the isolated singularities $a_1, a_2, \dots, a_m$. If γ is a closed rectifiable curve in G which does not pass through any of the points a_k and if $\gamma \approx 0$ in G then*

$$\frac{1}{2\pi i}\int_\gamma f = \sum_{k=1}^{m} n(\gamma; a_k) Res(f; a_k).$$

Theorem 2 (Maximum Modulus)**.** Let G be a bounded open set in $\mathbb{C}$ and suppose that f is a continuous function on G^- which is analytic in G. Then

$$\max\{|f(z)| : z \in G^-\} = \max\{|f(z)| : z \in \partial G\}.$$

Large aligned equation and matrix

$$\begin{aligned}
V(R) &= \int_{\varphi=0}^{2\pi}\int_{\theta=0}^{\pi}\int_{r=0}^{R} r^2 \sin(\theta)\, dr\, d\theta\, d\varphi \\
&= \left(\int_{\varphi=0}^{2\pi} d\varphi\right)\left(\int_{\theta=0}^{\pi} \sin(\theta) d\theta\right)\left(\int_{r=0}^{R} r^2 dr\right) \\
&= \left[\varphi\right]_{\varphi=0}^{2\pi}\left[-\cos(\theta)\right]_{\theta=0}^{\pi}\left[\frac{r^3}{3}\right]_{r=0}^{R} \\
&= \frac{4}{3}\pi R^3
\end{aligned}$$

$$\det(A) = \sum_{\sigma\in S_n} \epsilon(\sigma) \prod_{i=1}^{n} a_{i,\sigma(i)}$$

$$I_n = 1_n \left|\begin{bmatrix} 1 & 0 & 0 & \cdots & 0 \\ 0 & 1 & 0 & \cdots & 0 \\ 0 & 0 & \ddots & & 0 \\ \vdots & & & & \vdots \\ 0 & 0 & \cdots & 0 & 1 \end{bmatrix}\right|$$

Alphabets

Uppercase and math

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ

Lowercase and math

abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
0123456789 01234567890

Greek

ΓΔΘΛΞΠΣΥΦΨΩ
αβγδεεζηθϑικϰλμνξοπϖρϱσςτυφφχψω
ℓ℘ℵ∞ ∝ ∅∇∂℧ıȷℏð

Lowercase Greek and math

abcdefghijklmnopqrstuvwxyz
αβγδεεζηθϑικϰλμνξοπϖρϱσςτυφφχψω

Uppercase Greek and math

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ΓΔΘΛΞΠΣΥΦΨΩ

Greek and misc

A Λ Δ ∇ B C D Σ E F Γ G H I J K L M N O Θ Ω ℧ P Φ Π Ξ
Q R S T U V W X Y Υ Ψ Z
1234567890

Mathbold

ABCDEFGHIJKLMNOPQRSTUVWXYZ
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz

Math and symbols

a α b β c ∂ d δ e ϵ ε f ζ ξ g γ h ℏ ħ ı ı j ȷ k ϰ κ l ℓ λ
m n η θ ϑ o σ ς ϕ φ ℘ p ρ ϱ q r s t τ π u μ ν v υ w ω
ϖ x χ y ψ z ∞ ∝ ∅ ∅ d ð ⊠

Mathcal

𝒜 ℬ 𝒞 𝒟 ℰ ℱ 𝒢 ℋ ℐ 𝒥 𝒦 ℒ ℳ 𝒩 𝒪 𝒫 𝒬 ℛ 𝒮 𝒯 𝒰 𝒱
𝒲 𝒳 𝒴 𝒵

Mathbb

𝔸 𝔹 ℂ 𝔻 𝔼 𝔽 𝔾 ℍ 𝕀 𝕁 𝕂 𝕃 𝕄 ℕ 𝕆 ℙ ℚ ℝ 𝕊 𝕋 𝕌 𝕍 𝕎
𝕏 𝕐 ℤ

Mathscr

𝒜 ℬ 𝒞 𝒟 ℰ ℱ 𝒢 ℋ ℐ 𝒥 𝒦 ℒ ℳ 𝒩 𝒪 𝒫 𝒬 ℛ
𝒮 𝒯 𝒰 𝒱 𝒲 𝒳 𝒴 𝒵

Uppercase mathfrak

𝔄 𝔅 ℭ 𝔇 𝔈 𝔉 𝔊 ℌ ℑ 𝔍 𝔎 𝔏 𝔐 𝔑 𝔒 𝔓 𝔔 ℜ 𝔖 𝔗 𝔘 𝔙 𝔚
𝔛 𝔜 ℨ

Lowercase mathfrak

𝔞 𝔟 𝔠 𝔡 𝔢 𝔣 𝔤 𝔥 𝔦 𝔧 𝔨 𝔩 𝔪 𝔫 𝔬 𝔭 𝔮 𝔯 𝔰 𝔱 𝔲 𝔳 𝔴 𝔵 𝔶 𝔷

Bold math

$\boldsymbol{\alpha + b = 27}$

Primes

d', d'', d'''.