math otf fonts by gust e-foundry

The Polish TEX Users Group—GUST www.gust.org.pl

ASCII: !"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVW
XYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
Latin-1: ¡¢£¤¥¦§¨©ª«¬®¯°±´µ¶·¸º»¿ÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖ×ØÙÚÛÜÝ
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ŌōŐőŒœŔŕŖŗŘřŚśŞşŠšŢţŤťŨũŪūŮůŰűŲŲŴŶŶźŻżŽžſƒƠơƯưǪǫṢ̌ŞŢ̣ŢȚȚȷˆˇ˘˙˚˛˜˝
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Currency Symbols: ₡ £ ₦ ₩ ₫ € ₱ ₲
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Miscellaneous Symbols, Dingbats: ♠ ♡ ♢ ♣ ♤ ♥ ♦ ♧ ♪ ♭ ♮ ♯ ∞ ✓ ✠ ➡
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Supplemental Arrows-A, B: ⟰ ⟱ ⟲ ⟳ ⟴ ⟵ ⟶ ⟷ ⟸ ⟹ ⟺ ⟻ ⟼ ⟽ ⟾ ⟿ ⤀ ⤁ ⤂ ⤃ ⤄ ⤅ ⤆ ⤇ ⤈ ⤉ ⤊ ⤋ ⤌ ⤍ ⤎ ⤏ ⤐ ⤑ ⤒ ⤓ ⤔ ⤕ ⤖ ⤗ ⤘ ⤙ ⤚ ⤛ ⤜ ⤝ ⤞ ⤟ ⤠ ⤡ ⤢ ⤣ ⤤ ⤥ ⤦ ⤧ ⤨ ⤩ ⤪ ⤫ ⤬ ⤭ ⤮ ⤯ ⤰ ⤱ ⤲ ⤳
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tuvwxyz𝚤𝚥 **ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΘΣΤΥΦΧΨΩ∇αβγδεζηθικλμνξο**
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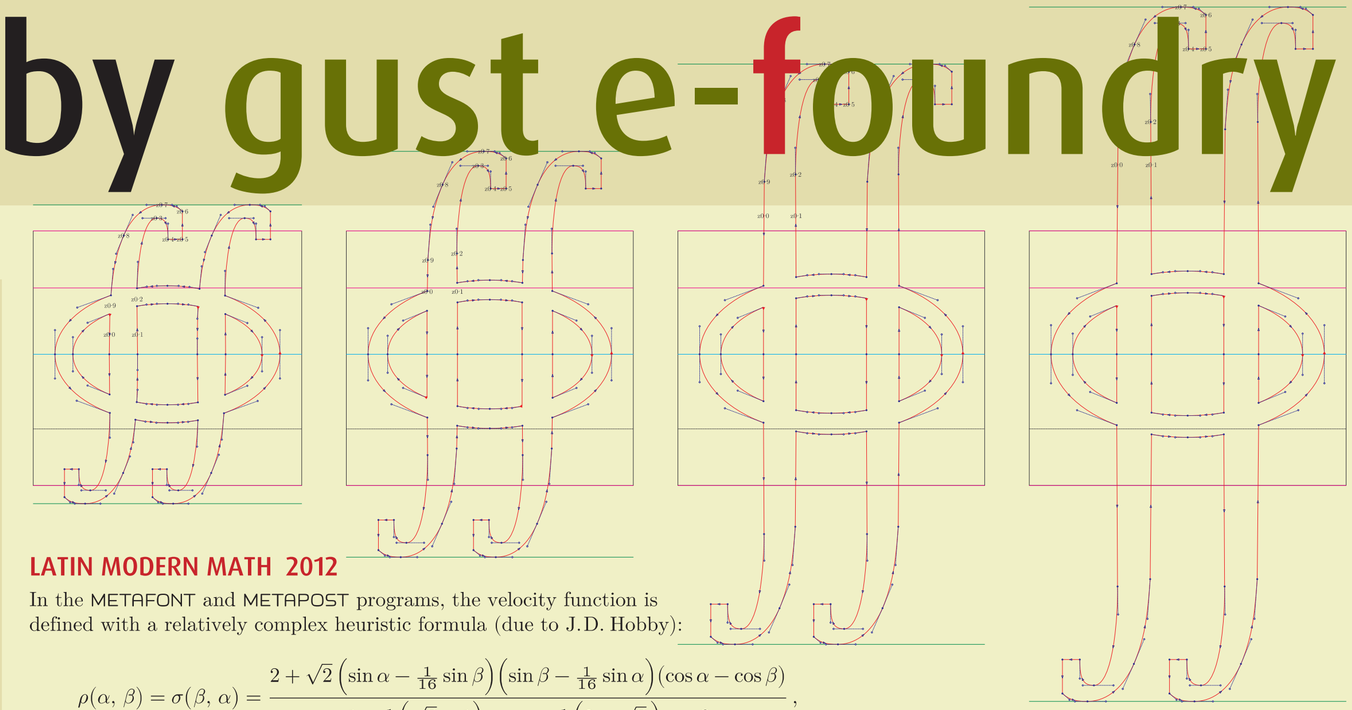

LATIN MODERN MATH 2012

In the METAFONT and METAPOST programs, the velocity function is defined with a relatively complex heuristic formula (due to J.D. Hobby):

$$\rho(\alpha,\beta)=\sigma(\beta,\alpha)=\frac{2+\sqrt{2}\left(\sin\alpha-\frac{1}{16}\sin\beta\right)\left(\sin\beta-\frac{1}{16}\sin\alpha\right)(\cos\alpha-\cos\beta)}{1+\frac{1}{2}\left(\sqrt{5}-1\right)\cos\alpha+\frac{1}{2}\left(3-\sqrt{5}\right)\cos\beta},$$

substantiated in his paper. An alternative form is also given (defined for $0<|\alpha|\le\beta<\pi$), which supposedly works better in asymmetrical cases but is far more complex computationally and more difficult to analyze theoretically.

TEX GYRE PAGELLA MATH 2012

In the METAFONT and METAPOST programs, the velocity function is defined with a relatively complex heuristic formula (due to J.D. Hobby):

$$\rho(\alpha,\beta)=\sigma(\beta,\alpha)=\frac{2+\sqrt{2}\left(\sin\alpha-\frac{1}{16}\sin\beta\right)\left(\sin\beta-\frac{1}{16}\sin\alpha\right)(\cos\alpha-\cos\beta)}{1+\frac{1}{2}\left(\sqrt{5}-1\right)\cos\alpha+\frac{1}{2}\left(3-\sqrt{5}\right)\cos\beta},$$

substantiated in his paper. An alternative form is also given (defined for $0<|\alpha|\le\beta<\pi$), which supposedly works better in asymmetrical cases but is far more complex computationally and more difficult to analyze theoretically.

TEX GYRE SCHOLA MATH 2014

In the METAFONT and METAPOST programs, the velocity function is defined with a relatively complex heuristic formula (due to J.D. Hobby):

$$\rho(\alpha,\beta)=\sigma(\beta,\alpha)=\frac{2+\sqrt{2}\left(\sin\alpha-\frac{1}{16}\sin\beta\right)\left(\sin\beta-\frac{1}{16}\sin\alpha\right)(\cos\alpha-\cos\beta)}{1+\frac{1}{2}\left(\sqrt{5}-1\right)\cos\alpha+\frac{1}{2}\left(3-\sqrt{5}\right)\cos\beta},$$

substantiated in his paper. An alternative form is also given (defined for $0<|\alpha|\le\beta<\pi$), which supposedly works better in asymmetrical cases but is far more complex computationally and more difficult to analyze theoretically.

DEJAVU MATH 2015

In the METAFONT and METAPOST programs, the velocity function is defined with a relatively complex heuristic formula (due to J.D. Hobby):

$$\rho(\alpha,\beta)=\sigma(\beta,\alpha)=\frac{2+\sqrt{2}\left(\sin\alpha-\frac{1}{16}\sin\beta\right)\left(\sin\beta-\frac{1}{16}\sin\alpha\right)(\cos\alpha-\cos\beta)}{1+\frac{1}{2}\left(\sqrt{5}-1\right)\cos\alpha+\frac{1}{2}\left(3-\sqrt{5}\right)\cos\beta},$$

substantiated in his paper. An alternative form is also given (defined for $0<|\alpha|\le\beta<\pi$), which supposedly works better in asymmetrical cases but is far more complex computationally and more difficult to analyze theoretically.

future plans

TEX GYRE TERMES MATH HEAVY 2016?

1. Equivalence of the integral $\left(\oiint_{\partial S}\mathbf{E}\cdot d\mathbf{S}=0\right)$ and differential $(\nabla\cdot\mathbf{E}=0)$ formulas

In this section, we shall prove that the integral and differential forms of Maxwell's equation known as "Gauss's law for magnetism", i.e.:

$$\oiint_{\partial S}\mathbf{E}\cdot d\mathbf{S}=0 \qquad (1)$$

and

$$\nabla\cdot\mathbf{E}=0 \qquad (2)$$

are equivalent.

DEJAVU SANS MATH 2017?

Various notations for continued fractions

The integers a_0, a_1 etc., are called *coefficients* or *terms* of the continued fraction. One can abbreviate the continued fraction

$$a_0+\cfrac{1}{a_1+\cfrac{1}{a_2+\cfrac{1}{a_3}}}$$

in the notation of Carl Friedrich Gauss as

$$x=a_0+\mathop{\mathbf{K}}_{i=1}^{3}\frac{1}{a_i}$$

or in the notation of Alfred Pringsheim as

$$x=a_0+\frac{1|}{|a_1}+\frac{1|}{|a_2}+\frac{1|}{|a_3}.$$

source: http://en.wikipedia.org/wiki/Continued_fraction