

REINTRODUCING
TYPE 3 FONTS TO THE
WORLD OF TEX



WŁODEK BZYL

Special Purpose Fonts

ZapfDingbats

Dragon-000

Signposts-000

NewPunk100

Geometric-002



Palatino

Antykwa Półtawskiego

Times

Utopia

Garamond

Helvetica

Lucida

Courier

Charter

CMR10

CMSS10

Text Fonts

CHAMP FLEVRY.

Auquel est contenus Lart & Science de la deute & vraye Proportion des Lettres Antiques, quoq; dit autrement Lettres Antiques, & vulgairement Lettres Romaines proportionnées selon le Corps & Visage humain.

Ce Livre est Privilégié pour Dix Ans Par Le Roi nostre Sire . & est a vendre à Paris les Peut Pont a Lenfègne du Pot Cauſe par Maistre Geotroy Tory de Bourges / Libraire , & Auteur du dict Livre . Et par Gules Goar mons aussi Libraire demourant en la Rue suant Jaques a Lenfègne des Trois Coromines .



PRIVILEGIE POUR DIX ANS.

Ad illustissimum Principem Sui Baldini Urbini
Baronum abhortio fratricae Durantia Comitem. Ordine latiniq[ue] litteris. Quantiam
miseritatem obsoletarum discipline castorum, leuissimum: frater Euseb[us] de Baro
lavori scriptorii ostendit munus: et lateologis dissipat. In artem Arith-
meticas docimur. Iudicio



Aquantita magnanimo Duce: e
il mobile e gradiente codice motha philosophi per questo
quadrum diximus alla habundante para: e concilia externa:
perodere barba expositio per sep modo alfabeta colla
un nouum natura fessa la no potere exire. Sicque talqual
colla te lei intendo. Cum factio te cum de la nostra tenet
rege: & trucare non che per alti pridie e ambi physi-
tologi nomine fia copidamente transmis: e in Zenona e
pascua: atque prede lo estigia alti tempi nostris formo-
mo doctum: e va molti male specie: e alle pacidate vni-
gari multe applicati: bulle: in leco operante: multo va-
riano: e con grida e fabozzi affumia montana in operi: fi
te numeri: como te misure: videroi lei parlando non intendo il non quanto dice alla
pratica e operante fia mehiere: melolando fecondo i magistri operanti antequa la theo-
retica: e causa ce n[on] sive operante il te numeri como se geometria: alba prima actio: magis-
quello che leggunti se habita apprendere: et illa quoniam emulacione fecondo il nostro pro-
positio e considerandola a diuerso modo allegorico fia propria vera defini-
zione e cestipione: si allora poi figura quidex Ziffonite viri in fecondo patetio
sum. Zime enim magis solar aliqdum cum hysc[u]m suum quid et sic.

Definitione: et cediamo ei fratre: et continuo quantitatiae.
Armetus primus: quem definitione.

Oro solum: za quantia effere immediate bi mons: doc continuo e vobis en-
tra: continua: e quatuor: cui para sumo: caputate: glorie: aerto: terminali: com-
mune: como foro: leggi: ferro: e fusi: et: p[er]fectio: cunctum: rameum: rameo: e
quella le cui parti non fuisse: glorie ad alpino termine: continua: e: come: e: z: et: re-
duci: che palma: te: la: videris: doc: est: numeris: e: per: te: continua: doc: geometria: qui-
lo: allo: intento: affect: ejus: affect: traducamus.

Conflitio numeri propriissima. Ziffonite fundam.

Numeros e (fecondo diuerso platoeopante) una inclinante te vrata es-
poit: e che vrata non e numero: ma ben principio o dictum: numero: e: ce
quida medianti: la: ogni: sole: e: tota: effere: vrata: e: fecondo: faturino: abhortio
In sua ruderia: e: la: vrata: dachun: numero: in: potencia: e: passi: in: sua: arithmetica:
regula: e: fendum: cogni: numero: famila: Talqual: plus: magnificandola: in: le: esse: natu-
rale: vobis: in: quillo: che: si: ce: vrata: e: vero: Quare: quod: et: id: est: qua: vrata: nume-
ro: et: Et: per: anches: e: numero: in: infinito: merita: viafio: per: quid: ex: et: Ziffonite
vise: doc: Sigill: infunsum: est: numero: et: e: per: la: terza: petitor: et: septimo: te
sequitur: la: sua: fene: in: infinito: potere: procedere: e: quodcum: numero: pate: vobis: gemit
miser: evitatem: addendo: alba: noi: paginare: quida: parte: a: nra: mai: pote: nre: accedere:
date: E pro: vico: con: gemit: aldjuno: effere: primice: et: quidex: die: folio: va: la: vrata: e: sua:
merito: e: non: ha: altro: numero: che: integralmente: agerio: lo: para: Ziffo: e: nro: co-
golto: et: e: quidex: die: va: altro: numero: e: merito: ouro: muncus: Exemplum: primi:
Zorno: 3: 7: 11: 13: 6: 17: 7: Et: sp[iritu]: leuid: E: como: 4: del: sol: lo: median: e: numeris: Si-
quid: 1: 2: 4: 6: 11: 13: 14: 18: 4: formulis: sua: formo: vira: numeri: compitu: no: foto: dx: collino





LOVE IS ENOUGH. A MORALITY.

This story, which is told by way of a morality set before an Emperor & Empress newly wedded, sheweth of a King whom nothing but Love might satisfy, who left all to seek Love, and, having found it, found this also, that he had enough, though he lacked all else. In the erection of a great town where the people are gathered together thronging to see the Emperor & Empress pass. *Giles* speaks.

LOOK long, Joan, while I hold you so,
For the silver trumpets come arow.

Joan. O the sweet sound!
the glorious sight!
Giles. Giles, Giles, see this glittering Knight!

Giles. Nay tis the Marshals' sergeant, sweet.
Hold, neighbour, let me keep my feet!

There, now your head is up again;
Thus held up have you aught of pain?

Joan. Nay, dear I see, and well at ease!
God's body! what fair Kings be these?

Giles. The Emperor's chamberlains, behold
Their silver shoes and staves of gold.
Look, look! how like some heaven come down
The maidens go with girded gown!

Joan. Yea, yea, and this last row of them
Draw up their kirtles by the hem,
And scatter roses e'en like those
About my father's garden close.

Giles. Ah! have I hurt you? See the girls



The
Situation
is
Hopeless

A B C D E F G

H I J K L M N

O P Q R S T U

U V X Y Z Ą Ć

Ę Ł Ñ Ó Ś Ž ż

POTĘGOWANIE

Cisza i ciemność

Potęgują wzajemność.

ADRÉSAT

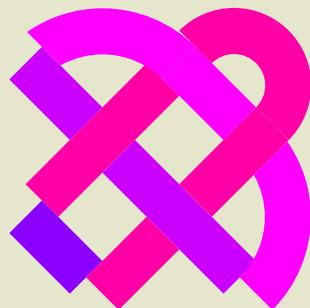
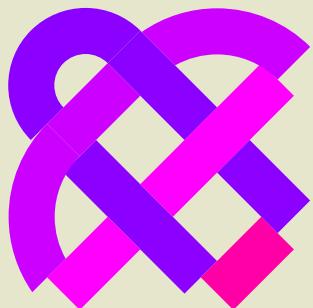
Dzięki za wdzięki

Pewnej panienki!

DZIEJE MIŁOŚCI

Nie miałem —

Bo nie śmiałem.



In
daily life
our faults are
frequently more pleasant
than our good
qualities





Generation of letterforms by mathematical means was first tried in the fifteenth century; it became popular in the sixteenth and seventeenth centuries; and it was abandoned (for good reasons) during the eighteenth century. [...]



Although there is no royal road to type design, there are some things that can, in fact, be done well with METAFONT in an afternoon. [...] Thus, although comparatively few users of METAFONT will have the courage to do an entire alphabet from scratch, there will be many who will enjoy customizing someone else's design. [...]

ZUMA THING

The image displays the words "ZUMA THING" in a bold, sans-serif font. Each letter is constructed from a network of blue lines connecting small red circular nodes at their vertices. The letters are arranged in two rows: "ZUMA" on the top row and "THING" on the bottom row. The "Z" has a zigzag top and a horizontal bottom. The "U" is a simple U-shape. The "M" has a vertical stem with a horizontal middle bar. The "A" has a vertical stem with a horizontal middle bar and a small crossbar. The "T" has a vertical stem with a horizontal top bar. The "H" has a vertical stem with a horizontal middle bar and a small crossbar. The "I" is a single vertical line with a small crossbar near the top.

$$\chi_{2m} \equiv \begin{cases} Q(X_m^2 - P_2 W_m^2) - 2S^2 & (m \text{ odd}) \\ P_2^2(X_m^2 - P_2 W_m^2) - 2S^2 & (m \text{ even}) \end{cases}$$

$$\sin 18^\circ = \frac{1}{4}(\sqrt{5} - 1)$$

$$\vec{\phi} \subset NL_1^*/N = \vec{L}_1^* \subseteq \dots \subseteq NL_n^*/N = \vec{L}_n^*$$

$$I(\omega) = \iint_D g(x, y) e^{i\omega h(x, y)} dx dy$$

$$2 \uparrow\uparrow k \stackrel{\text{def}}{=} 2^{2^{2^{\cdot^{\cdot^2}}}} \Big\}^k$$

$$M = \begin{pmatrix} C & I & C' \\ C & 1 & 0 & 0 \\ I & \beta & 1 - \beta & 0 \\ C' & 0 & \xi & 1 - \xi \end{pmatrix}$$

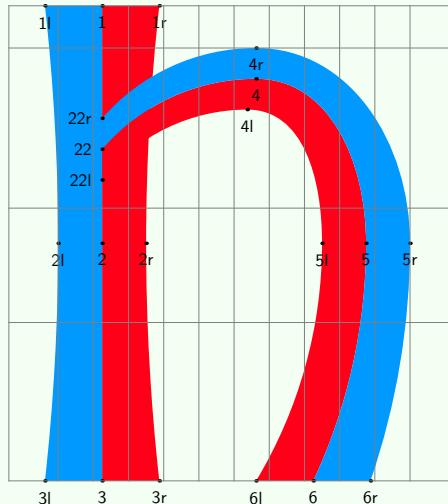
$$\begin{aligned}
& \left(\int_{-\infty}^{\infty} e^{-x^2} dx \right)^2 = \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{-(x^2+y^2)} dx dy \\
& = \int_0^{2\pi} \int_0^{\infty} e^{-r^2} r dr d\theta \\
& = \int_0^{2\pi} \left(\frac{e^{-r^2}}{2} \Big|_{r=0}^{r=\infty} \right) d\theta \\
& = \pi
\end{aligned} \tag{78}$$

2001
TUG

ATEX
ODYSSEY

Font design to the people!





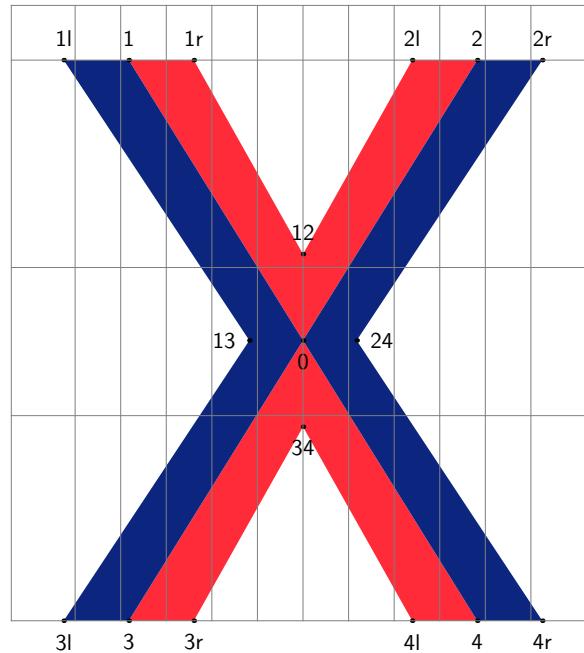
```

beginpic("H", 10u, body_height, 0); "H -- 5000";
  save p; path p;
   $x_1 = x_2 = x_3 = x_{22} = \text{cap\_stem}/2; y_1 = h; y_1 + y_3 = 2y_2 = 2y_5 = h;$ 
   $y_{22r} + 2u = \text{cap\_height};$ 
   $y_{4r} = \text{cap\_height}; x_4 = (x_2 + w)/2;$ 
   $x_{5r} = w;$ 
   $x_{6l} = x_4; y_6 = y_3;$ 
  penpos1(cap_stem + thick_dish, 0);
  penpos2(cap_stem, 0);
  penpos3(cap_stem + thick_dish, 0);
  penpos22(cap_hair, 90);
  penpos4(cap_hair, 90);
  penpos5(cap_curve, 0);
  penpos6(cap_stem + thick_dish, 0);
   $x_{4l} := x_{4l} - .25u;$ 
  fill z1 -- z3 -- z3r .. {up}z2r .. z1r -- cycle withcolor c2H;
  fill z2l .. {right}z4l .. {down}z5l .. z6l -- z6 ..
    .. {up}z5 .. {left}z4 .. z22 -- cycle withcolor c2H;
  fill z3 -- z1 -- z1l .. {down}z2l .. z3l -- cycle withcolor c1H;
  fill z22 .. {right}z4 .. {down}z5 .. z6 ..
    z6r .. {up}z5r .. {left}z4r .. z22r -- cycle withcolor c1H;
  penlabels bot(1, 2, 3, 4, 5, 6);
  penlabels lft(22);
endpic;
listable "H": "M" kern -0.25u;

```

META *type*³₁

PORTFOLIO



4 NewPunkBold100

	0	1	2	3	4	5	6	7	
'00x	Γ	Δ	Θ	Λ	Ξ	Π	Σ	Ρ	"0x
'01x	Φ	Ψ	Ω	↑	↓	↑	↓	↓	"1x
'02x	I	J				I	J		"2x
'03x	ss	æ	œ	ø	å	€	ø		"3x
'04x	÷	!	”	#	\$	%	₹		"4x
'05x	€)	*	+	,	.	/		"5x
'06x	0	1	2	3	4	5	6	7	
'07x	8	9	:	:	<	=	>	?	
'10x	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ		
'11x	H	I	J	K	L	M	N	O	
'12x	P	Q	R	S	T	U	V	W	
'13x	X	Y	Z	[]	X	Y	Z	
'14x	‘	‘a	b	c	d	e	f	g	
'15x	h	i	j	k	l	m	n	o	
'16x	p	q	r	s	t	u	v	w	
'17x	x	y	z	–	—	„	„	..	
	"8	"9	"A	"B	"C	"D	"E	"F	

$ht = 13.5$
 $u = 4/5$
 $s = 2$
 $px = 1.6$
 $py = 1.3$
 $dot = 2.3$
 $dev = 0.25$
 $slant = 0$
 $seed = 2.71828$
 $asc_height = ht$
 $x_height = 9$
 $desc_depth = 3.5$
 $math_axis = 4.5$
 $rule_thickness = 0.8$

Color parameters

$stem_color = (.15, .30, .50)$
 $dot_color = (.55, 0, 0)$

height of characters
 unit width
 extra sidebar
 horizontal thickness of pen
 vertical thickness of pen
 diameter of dots
 standard deviation of punk points
 obliqueness
 seed for random number generator
 height of lowercase letters with ascenders
 height of lowercase letters without ascenders
 depth of lowercase letters with descenders
 axis of symmetry for math symbols
 breadth of strokes in math symbols

randomized by function *randomized_dot_color*

