

Pennstander Math Characters
Thin, Regular, Bold

Upright Latin and Greek upper and lower case

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεζηθικλμνξοπρστυφχψω
1234567890

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεζηθικλμνξοπρστυφχψω
1234567890

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεζηθικλμνξοπρστυφχψω
1234567890

Italic/Oblique Latin and Greek upper and lower case

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεζηθικλμνξοπρστυφχψω

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπρστυφχψω

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ

αβγδεζηθικλμνξοπρστυφχψω

Double Struck upper case and numerals

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 1 2 3 4 5 6 7 8 9 0

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 1 2 3 4 5 6 7 8 9 0

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 1 2 3 4 5 6 7 8 9 0

Script upper case

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

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

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

Fraktur-like upper and lower case

ȐȑȓȔȕȖȗȘșȚțȜȝȞȟȠȡȢȣȤȥȦȧȨȩȪȫȬȭȮȯȰȱȲȳȴȵȶȷȸȹȺȻȼȽȾȿ

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

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

Arrows

$A \xrightarrow{1+2} B \xlongequal{1+2} C \xleftarrow{1+2} D \xrightarrow{1+2} E \xleftrightarrow{1+2} F \xlongleftarrow{1+2} G \xrightarrow{1+2} H \xleftrightarrow{1+2}$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

$I \xleftarrow{1+2} J \xrightarrow{1+2} K \xrightarrow{1+2} L \xleftrightarrow{1+2} M \xrightarrow{1+2} N \xleftarrow{1+2} O \xleftarrow{1+2}$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

$P \xrightarrow{1+2} Q \xrightarrow{1+2} R \xleftrightarrow{1+2} S \xleftrightarrow{1+2} T \xlongleftarrow{1+2} U \xrightarrow{1+2} V \xlongequal{1+2} W$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

$A \xrightarrow{1+2} B \xlongequal{1+2} C \xleftarrow{1+2} D \xrightarrow{1+2} E \xleftrightarrow{1+2} F \xlongleftarrow{1+2} G \xrightarrow{1+2} H \xleftrightarrow{1+2}$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

$I \xleftarrow{1+2} J \xrightarrow{1+2} K \xrightarrow{1+2} L \xleftrightarrow{1+2} M \xrightarrow{1+2} N \xleftarrow{1+2} O \xleftarrow{1+2}$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

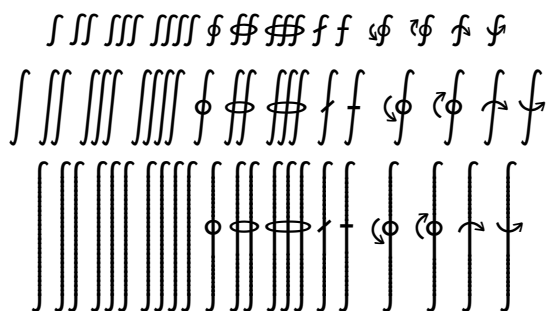
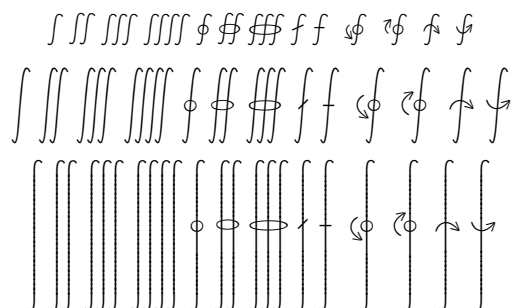
$P \xrightarrow{1+2} Q \xrightarrow{1+2} R \xleftrightarrow{1+2} S \xleftrightarrow{1+2} T \xlongleftarrow{1+2} U \xrightarrow{1+2} V \xlongequal{1+2} W$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

$A \xrightarrow{1+2} B \xlongequal{1+2} C \xleftarrow{1+2} D \xrightarrow{1+2} E \xleftrightarrow{1+2} F \xlongleftarrow{1+2} G \xrightarrow{1+2} H \xleftrightarrow{1+2}$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

$I \xleftarrow{1+2} J \xrightarrow{1+2} K \xrightarrow{1+2} L \xleftrightarrow{1+2} M \xrightarrow{1+2} N \xleftarrow{1+2} O \xleftarrow{1+2}$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

$P \xrightarrow{1+2} Q \xrightarrow{1+2} R \xleftrightarrow{1+2} S \xleftrightarrow{1+2} T \xlongleftarrow{1+2} U \xrightarrow{1+2} V \xlongequal{1+2} W$
 $a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c \quad a+b+c$

Integrals



Radicals

$$\sqrt[2]{1+x+y}$$

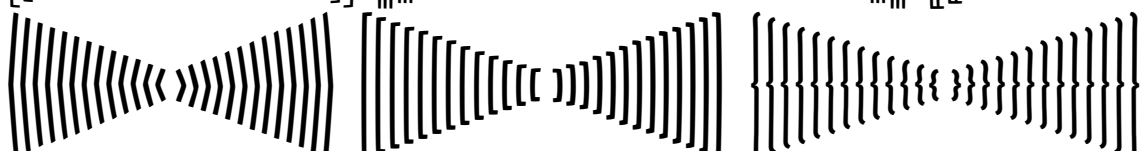
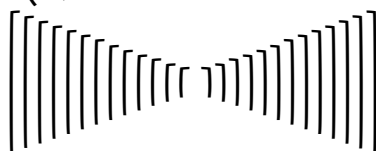
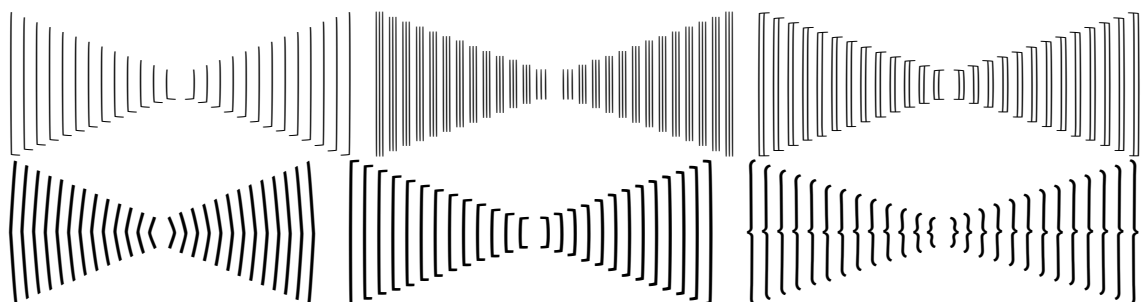
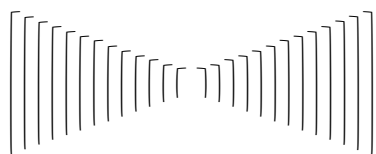
$$\sqrt[1/3]{\frac{a+b}{c+d}}$$

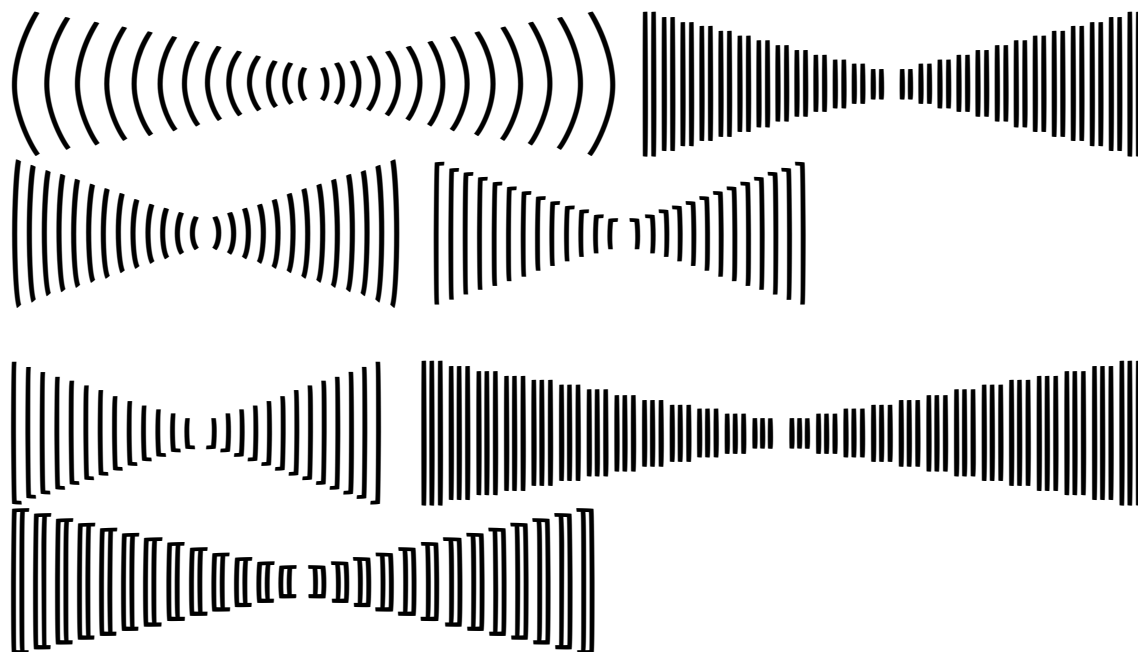
⊙ ⊕ ⊗ ∏ ∪ × ∩ ∪ ∩ ∪ ∑ ∑ ∏ ℳ ∟
⊙ ⊕ ⊗ ∏ ∪ × ∩ ∪ ∩ ∪ ∑ ∑ ∏ ℳ ∟

Accents and Stackers

$$\begin{array}{cccccccccccc} \tilde{x} & \tilde{\tilde{x}} & \dot{x} & \ddot{x} & \ddot{\tilde{x}} & \ddot{\tilde{\tilde{x}}} & \check{x} & \acute{x} & \bar{x} & \breve{x} & \mathring{x} \\ \overline{x+y} & \overline{\tilde{x+y}} & \overleftarrow{x+y} & \overleftrightarrow{x+y} & \overleftrightarrow{x+y} & \overleftarrow{x+y} & \overrightarrow{x+y} & \overline{x+y} & \overline{\tilde{x+y}} & \overline{\tilde{\tilde{x+y}}} & \overline{\mathring{x+y}} \end{array}$$
$$\begin{array}{cccccccccccc} \hat{x} & \tilde{x} & \dot{x} & \ddot{x} & \ddot{\bar{x}} & \ddot{\bar{\bar{x}}} & \breve{x} & \acute{x} & \bar{x} & \breve{\breve{x}} & \mathring{x} \\ \overline{\overline{x+y}} & \overline{x+y} & \overleftarrow{x+y} & \overleftrightarrow{x+y} & \overleftrightarrow{x+y} & \overleftarrow{x+y} & \overrightarrow{x+y} & \overline{\overline{x+y}} & \overline{\overline{x+y}} \\ \overbrace{x+y} & \overline{x+y} & \overline{x+y} & \overline{x+y} \\ \underbrace{x+y} & \underbrace{x+y} & \underbrace{x+y} & \underbrace{x+y} \end{array}$$
$$\begin{array}{ccccccccccccc} \dot{x} & \ddot{x} & \dot{\bar{x}} & \ddot{\bar{x}} & \ddot{\bar{x}} & \ddot{\bar{x}} & \check{x} & \acute{x} & \bar{x} & \breve{x} & \grave{x} \\ \overline{\dot{x+y}} & \overline{\dot{x+y}} & \overleftarrow{\dot{x+y}} & \overleftrightarrow{\dot{x+y}} & \overleftrightarrow{x+y} & \overleftarrow{x+y} & \overrightarrow{x+y} & \overline{\dot{x+y}} & \overline{\dot{x+y}} \\ & & \overbrace{\dot{x+y}} & \overbrace{\dot{x+y}} & \overbrace{\dot{x+y}} & \overbrace{\dot{x+y}} & & & & & \\ & & \underline{\dot{x+y}} & \underline{\dot{x+y}} & \underline{\dot{x+y}} & \underline{\dot{x+y}} & & & & & \end{array}$$

Brackets





Stylistic Alternatives

ss01: *a g l*
 ss02: *A M N Q V W Z v z*
 ss03: *4*
 ss04: *l †*
 ss05: *Ä K 1 X Y Z x y*
 ss07: *7 7*

ss01: a g l
ss02: A M N Q V W Z v z
ss03: 4
ss04: l †
ss05: Ä K 1 X Y Z x y
ss07: 7 7

ss01: a g l
ss02: A M N Q V W Z v z
ss03: 4

ss04: *l t*

ss05: *A K L X Y Z x y*

ss07: *7 7*