The MathTıme™ *Professional Fonts*
Supplement B

Supplement B for the *MathTıme Professional* fonts adds script and fraktur fonts, as well as bold versions. Together with the basic *MathTıme Professional* fonts, and the fonts of Supplement A, this provides a complete mathematical typesetting environment.

The design of the math fraktur font aims to preserve the character of fraktur, while attempting to make some of the letters more readily distinguishable to mathematicians not accustomed to this style, especially when used in isolation. A few letters have alternate versions, indicated in brackets (and there are also dotless ı and ȷ):

regular size	$\mathfrak{ABCDEFGHIJKLMNOPQRSTUVWXY[Y]Z}$ $\mathfrak{abcdefghijklmnopqrstuvwx[x]y[y]z}$
superscript size	$\mathfrak{ABCDEFGHIJKLMNOPQRSTUVWXY[Y]Z}$ $\mathfrak{abcdefghijklmnopqrstuvwx[x]y[y]z}$
second order superscript size	$\mathfrak{ABCDEFGHIJKLMNOPQRSTUVWXY[Y]Z}$ $\mathfrak{abcdefghijklmnopqrstuvwx[x]y[y]z}$

Bold:	regular size	$\mathbf{\mathfrak{ABCDEFGHIJKLMNOPQRSTUVWXY[Y]Z}}$ $\mathbf{\mathfrak{abcdefghijklmnopqrstuvwx[x]y[y]z}}$
	superscript size	$\mathbf{\mathfrak{ABCDEFGHIJKLMNOPQRSTUVWXY[Y]Z}}$ $\mathbf{\mathfrak{abcdefghijklmnopqrstuvwx[x]y[y]z}}$
	second order superscript size	$\mathbf{\mathfrak{ABCDEFGHIJKLMNOPQRSTUVWXY[Y]Z}}$ $\mathbf{\mathfrak{abcdefghijklmnopqrstuvwx[x]y[y]z}}$

The math script font has the character of the script fonts that have traditionally been used in mathematics (rather than the character of a "calligraphic" font), but with special attention given to certain letters, like I, J and S, that need to be easily recognizable in isolation. There are several variant letters in this font, aside from ι and $\jmath$:

regular size	$\mathcal{ABC[C]DEFG[G]HIJKL[L]MNOPQ[Q]RSTUVWXY[Y]Z}$ $\mathcal{abcdefghijklmnopqr[r]stuvwxyz[z]}$
superscript size	$\mathcal{ABC[C]DEFG[G]HIJKL[L]MNOPQ[Q]RSTUVWXY[Y]Z}$ $\mathcal{abcdefghijklmnopqr[r]stuvwxyz[z]}$
second order superscript size	$\mathcal{ABC[C]DEFG[G]HIJKL[L]MNOPQ[Q]RSTUVWXY[Y]Z}$ $\mathcal{abcdefghijklmnopqr[r]stuvwxyz[z]}$

Bold:	regular size	$\mathbf{\mathcal{ABC[C]DEFG[G]HIJKL[L]MNOPQ[Q]RSTUVWXY[Y]Z}}$ $\mathbf{\mathcal{abcdefghijklmnopqr[r]stuvwxyz[z]}}$
	superscript size	$\mathbf{\mathcal{ABC[C]DEFG[G]HIJKL[L]MNOPQ[Q]RSTUVWXY[Y]Z}}$ $\mathbf{\mathcal{abcdefghijklmnopqr[r]stuvwxyz[z]}}$
	second order superscript size	$\mathbf{\mathcal{ABC[C]DEFG[G]HIJKL[L]MNOPQ[Q]RSTUVWXY[Y]Z}}$ $\mathbf{\mathcal{abcdefghijklmnopqr[r]stuvwxyz[z]}}$