

# The Talos fonts

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The Talos fonts were bitmap fonts created especially for a custom installation in a VMS machine bought in the eighties by the Department of Mathematics of the University of Crete, Greece. This was definitely the first TeX installation in a Greek University and most probably the first TeX installation that supported the Greek (monotonic) language.

The VMS server, with hostname “Talos”, after the name of the Cretan mythical robot, made by Hephaestus to protect Europa at the request of Zeus, was connected with dummy terminals to the professors’ offices. There was no previewer other than printing the postscript file. The server was in use in the department of Mathematics until 1998 when it suffered a severe crash and was abandoned. In that machine, the “Talos” (Τάλως in Greek), many professor notes, student thesis and dissertations were written with its special Greek font that we now revive. The characters were redrawn by some printouts that I had carefully saved for this purpose, when I was employed in the late nineties in the department. I am positive that many colleagues still have printouts from that era and the Talos server.

The Latin characters (including mathematics) were cmr and in this release are drawn from NewComputerModern Book weight. However, the Greek part is of unknown origin. The design is very interesting especially the italic one. The Italic capitals use what we know as “mathcal” for the characters that are common with Latin and Greek but have matching custom designs for non common ones.

The Italic Greek characters will soon find their way into NewComputerModern Math fonts as a Greek calligraphic.

Lowercase Greek:

αβγδεζηθικλμνξοπρστυφχψω άέήϊούύ ύ ü ù  
αβγδεζηθικλμνξοπρστυφχψω άέήϊούύ ύ ü ù

Lowercase Greek Italic:

*αβγδεζηθικλμνξοπρστυφχψω άέήϊούύ ύ ü ù*  
*αβγδεζηθικλμνξοπρστυφχψω άέήϊούύ ύ ü ù*

Uppercase Greek:

ΑΒΓΔΕΖΗΘΙΚΑΜΝΞΟΠΡΣΣΤΥΦΧΨΩ Α'Ε'Η'ΤΟ'Υ'Ω Ìÿ  
ΑΒΓΔΕΖΗΘΙΚΑΜΝΞΟΠΡΣΣΤΥΦΧΨΩ Α'Ε'Η'ΤΟ'Υ'Ω Ì ÿ

Uppercase Greek Italic:

*ΑΒΓΔΕΖΗΘΙΚΑΜΝΞΟΠΡΣΤΥΦΧΨΩ Α'Ε'Η'ΤΟ'Υ'Ω Ìÿ*  
*ΑΒΓΔΕΖΗΘΙΚΑΜΝΞΟΠΡΣΤΥΦΧΨΩ Α'Ε'Η'ΤΟ'Υ'Ω Ì ÿ*

A sample with mathematics (from NewCM) can be found in the `fontsetup` documentation. Load the fonts with `\usepackage[talos]{fontsetup}`

Metrics may change in future releases especially kerning pairs.