

# Test the extended LGR font encoding definitions

The file lgrxenc.def allows convenient typesetting of Greek letters with diacritics. It works independent of the babel package.

## Symbols

See the source file lgrenc-test.tex for the macros used to produce the symbols.

### Generic text symbols

Latin: + - = < > - — { [ ( ) ] } \ | %‰ ‰

LGR: + - = < > - — { [ ( ) ] } \ | %‰ ‰ (Per-mille symbol is missign in LGR.)

Quotes: «a» «α», ‘a’ ‘α’, “a” “α” (double quotes wrong with Kerkis fonts),

‹a› „a” Single guillemots and base-quotes are missing in LGR.

Ligature break up: AY fi AY ï → AY fi AY ï

Spacing accent chars: <sup>ˆ</sup>a <sup>ˆ</sup>α <sup>ˆ</sup>ι ~a ~α ~ι <sup>ˇ</sup>a <sup>ˇ</sup>α <sup>ˇ</sup>ι <sup>˘</sup>a <sup>˘</sup>α <sup>˘</sup>ι <sup>˙</sup>a <sup>˙</sup>α <sup>˙</sup>ι <sup>˚</sup>a <sup>˚</sup>α <sup>˚</sup>ι <sup>̂</sup>a <sup>̂</sup>α <sup>̂</sup>ι <sup>̃</sup>a <sup>̃</sup>α <sup>̃</sup>ι

Symbols for SI-units: 5 μm, 5 kΩ; 5 μm, 5 kΩ

Letter schwa and Euro symbol: ə, €

Some symbol definitions expect a Latin font: © ® ™ ™ SS (uppercase of ß) Babel’s lgrenc.def defines them with \latintext, however this macro is not guaranteed to be defined, so it should not be used in a font encoding definition file. Instead, the textcomp.sty package should be used to provide the symbols for all font encodings (the sharp s (ß) is used in German text that cannot be set with LGR anyway).

### Greek alphabet

Greek letters via Latin transscription in LGR font encoding:

A B Γ Δ E Z H Θ I K Λ M N Ξ O Π P Σ T Υ Φ X Ψ Ω

α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ ς Ϸ τ υ φ χ ψ ω

### Additional Greek symbols

Ͽ koppa, Ϸ archaic koppa, ϸ archaic Koppa, Ϡ stigma, ϡ stigma variant, Ϣ Stigma (Sigma-Tau-Ligature in CB-fonts), ϣ sampi, Ϥ Sampi, Ϧ digamma, ϧ Digamma, Ϩ Dexia keraia, ϩ Aristeri keraia,



