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(abbreviations e.g. Re, Im, log, sin, ord, id, lim, sup, etc.)

red: Greek blue: Gothic green: Script

violet: the numeral 1, and zero (to distinguish them from the small letter l

and the capital letter O)

The following are frequently confused:

 $\cup, \ \mathbf{U}, \ \bigcup, \ U; \quad \circ, o, O, O; \quad \times, x, X, \kappa; \quad \vee, v, v; \quad \theta, \Theta, \phi, \phi, \Phi, \emptyset; \quad \psi, \Psi; \quad \varepsilon, \epsilon;$

a', a^1 ; the symbol a and the indefinite article a;

also the handwritten Roman letters:

c, C; e, l; l, J; k, K; o, O; p, P; s, S; u, U; v, V; w, W; x, X; z, Z;

Please take care to distinguish them in some way.

C. Examples

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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

Sanserif 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

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U, B, C, D, E, F, G, S, I, I, R, L, M, N, D, P, Q, R, E, I, U, B, M, X, D, I

a, b, c, d, e, f, g, h, i, j, t, l, m, n, o, p, q, r, s, f, t, u, v, w, x, n, z

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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

Special Roman A, IB, C, ID, IE, IF, G, IH, II, J, IK, IL, M, N, O, IP, Q, R, S, T, U, V, W, XX, Y, Z, 1

Greek $\Gamma, \Delta, \Theta, \Lambda, \Xi, \Pi, \Sigma, \Phi, \Psi, \Omega$

 $\alpha, \beta, \gamma, \delta, \varepsilon, \zeta, \eta, \theta, \theta, \iota, \kappa, \lambda, \mu, \nu, \xi, o, \pi, \rho, \sigma, \tau, \nu, \phi, \phi, \chi, \psi, \omega$

2. Notations

Gothic

preferred form	instead of	preferred form	instead of
$A^*, \tilde{b}, \gamma', v, v$	$ar{A}, \hat{b}, reve{\gamma}, ec{v}$	$f: A \rightarrow B$	$A \stackrel{f}{\longrightarrow} B$
lim sup, lim inf	lim, <u>lım</u>		1
inj lim, proj lim	$\underset{x^2+y^2}{\underline{\lim}}$	$\cos(1/x)$	$\cos\frac{1}{x}$
$\exp\left(-(x^2+v^2)/a^2\right)$	$e^{-\frac{x^2+v^2}{a^2}}$	$(a+b/x)^{1/2}$	$\frac{\overline{a}}{a}$
$\int_{0}^{1} dt$	f^{-1}		$\sqrt{a+\frac{1}{x}}$

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