

$\omega$ .  $v$ .  $F$ .  $\delta$ .  $\psi^{(m)}(z)$ .  $\theta_i$ .  $K$ .  $\tau$ .  $\xi(s)$ .  $o$ .  $\Upsilon$ .  $\varpi$ .  $\lambda$ .  $B(x, y)$ .  $\rho$ .  $\Sigma$ .  $\zeta(s)$ .  $\alpha$ .  $\kappa$ .  $\chi$ .  $H(t)$ .  $\beta$ .  $\epsilon$ .  $\Gamma(n)$ .  $\Delta$ .  $\vartheta(x)$ .  $\mu(n)$ .  $\Theta$ .  $\Psi$ .  $\iota$ .  $\nu$ .  
 $\gamma$ .  $\Xi$ .  $\Pi$ .  $\Omega$ .  $\Phi$ .  $\pi$ .  $\Lambda$ .  $\phi$ .  $\sigma$ .  $\eta$ .  $O$ .  $\vec{\theta}$ .

## Glossary

$\alpha$  angular acceleration 1  
 $\beta$  thermodynamic beta 1  
 $B(x, y)$  Euler beta function 1  
 $\gamma$  Lorentz factor 1  
 $\Gamma(n)$  gamma function 1  
 $\Delta$  Laplace operator 1  
 $\delta$  Kronecker delta 1  
 $\epsilon$  small positive quantity 1  
 $F$  digamma function 1  
 $\zeta(s)$  Riemann zeta function 1  
 $\eta$  refractive index 1  
 $H(t)$  Boltzmann's H-Theorem 1  
 $\Theta$  Theta decay 1  
 $\vec{\theta}$  the vector of statistical model parameters 1  
 $\vartheta(x)$  first Chebyshev function 1  
 $\theta_i$  the  $i$ th statistical model parameter 1  
 $\iota$  inclusion map 1  
 $K$  Kappa number 1  
 $\kappa$  curvature 1  
 $\Lambda$  diagonal matrix of eigenvalues 1  
 $\lambda$  an eigenvalue 1  
 $\mu(n)$  Möbius function 1  
 $\nu$  kinematic viscosity 1  
 $\Xi$  Riemann's original xi-function 1  
 $\xi(s)$  Riemann's xi-function 1  
 $O$  big O notation 1  
 $o$  small o notation 1  
 $\Pi$  osmotic pressure 1  
 $\pi$  Archimedes' constant 1  
 $\varpi$  angular frequency 1  
 $\rho$  density 1  
 $\Sigma$  covariance matrix 1  
 $\sigma$  standard deviation 1  
 $\tau$  torque 1  
 $\Upsilon$  upsilon meson 1  
 $v$  frequency 1  
 $\Phi$  magnetic flux 1  
 $\phi$  the golden ratio 1  
 $\chi$  chromatic number 1  
 $\Psi$  water potential 1  
 $\psi^{(m)}(z)$  polygamma function 1  
 $\Omega$  the omega constant 1  
 $\omega$  angular velocity 1