

ω . v . F . δ . $\psi^{(m)}(z)$. θ_i . K . τ . $\xi(s)$. o . Υ . ϖ . λ . $B(x, y)$. ρ . Σ . $\zeta(s)$. α . κ . χ . $H(t)$. β . ϵ . $\Gamma(n)$. Δ . $\vartheta(x)$. $\mu(n)$. Θ . Ψ . ι . ν .
 γ . Ξ . Π . Ω . Φ . π . Λ . ϕ . σ . η . O . $\vec{\theta}$.

Glossary

asymptotic notation

O big O notation 1

o small o notation 1

biology

Π osmotic pressure 1

finance

Θ Theta decay 1

fluid dynamics

ϖ angular frequency 1

functions

F digamma function 1

$B(x, y)$ Euler beta function 1

$\vartheta(x)$ first Chebyshev function 1

$\Gamma(n)$ gamma function 1

δ Kronecker delta 1

$\mu(n)$ Möbius function 1

$\psi^{(m)}(z)$ polygamma function 1

Ξ Riemann's original xi-function 1

$\xi(s)$ Riemann's xi-function 1

$\zeta(s)$ Riemann zeta function 1

geometry

π Archimedes' constant 1

κ curvature 1

graph theory

χ chromatic number 1

linear algebra

Λ diagonal matrix of eigenvalues 1

λ an eigenvalue 1

mechanics

τ torque 1

operators

Δ Laplace operator 1

physics

α angular acceleration 1

ω angular velocity 1

ν frequency 1

ν kinematic viscosity 1

γ Lorentz factor 1

Φ magnetic flux 1

Υ upsilon meson 1

Ψ water potential 1

quantities

ρ density 1

ϕ the golden ratio 1

K Kappa number 1

Ω the omega constant 1

η refractive index 1

ϵ small positive quantity 1

θ_i the i th statistical model parameter 1

$\vec{\theta}$ the vector of statistical model parameters 1

set theory

ι inclusion map 1

statistical mechanics

$H(t)$ Boltzmann's H-Theorem 1

β thermodynamic beta 1

statistics

Σ covariance matrix 1

σ standard deviation 1