Page 1: Mathematical Symbols Test

Summation: Σ(i=1 to n) x_i

Integration: ∫[a,b] f(x)dx

Greek letters: α β γ δ θ λ μ π σ ω

Operators: ± × ÷ ≈ ≠ ≤ ≥ ∞

Sets: ∈ ∉ ⊆ ∪ ∩

Gradient: ∇f(x,y,z)

Partial derivative: ∂f/∂x

Page 2: Physics Equations with Symbols

Maxwell: ∇×B = μ■J + μ■ε■(∂E/∂t)

Gauss law: ∇·E = ρ/ε■

Schrodinger: i■(∂ψ/∂t) = ■ψ

Wave function: ∫|ψ|²dx = 1

Energy: E = mc² ± ΔE

Planck: E = ■ω where ω ≠ 0

Statistical: ■x■ = Σ■ p■x■