**Derivation of the De Sitter-Schwarzschild Metric**

**Assumptions**

**Christoffel Symbols**

**Ricci Tensor – Non-Zero Components**

**Metric Tensor – Non-Zero Components**

**Vacuum Field Equations**

**Boundary Conditions with Λ = 0**

**Weak Field Approximation with Λ = 0**

**Final Metric**