$$B = \frac{M \circ F}{C}$$

$$S = S \circ e^{-\lambda f} \quad R = R \circ e^{-\lambda f}$$

$$I = \frac{\varepsilon}{R} = \frac{1}{R} \left( \frac{-\sqrt{p}}{\sqrt{1+p}} \right)$$

$$\phi(t) = (\beta_0 + \beta(t)) s(t) = (\beta_0 + \frac{M_0 I(t)}{L}) s_0 e^{-\lambda t}$$

$$\frac{Jp}{Lt} = -\lambda s_0 \beta_0 e^{-\lambda t} + \frac{M_0 s_0 e^{-\lambda t}}{L} (\dot{I}(t) - \lambda I(t))$$

$$\dot{T}(+) - I(+)(\lambda + \frac{iR_0}{M_0S_0}) = \frac{\lambda B_0 L}{M_0}$$

$$\frac{\dot{I}(t)}{I(t)} = A$$

$$G(T(+)) = A + + f(D)$$

$$I(t) = De^{At}$$

$$I(+) = D(+) e^{A+}$$

$$\dot{I}(t) = \dot{O}(t) e^{At} + A O(t) e^{At}$$

$$\dot{\int}(t) = ce^{-At}$$

$$D(t) = \frac{-c}{A}e^{-At} + E$$

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$$I(+) = e^{A+\left(-\frac{\zeta}{A}e^{-A+}+E\right)} = -\frac{\zeta}{A} + E^{A+}$$

$$B(t) = \frac{\lambda B_0 L S_0 h_0}{(\mu_0 S_0)^2 + (P_0)} + \frac{\mu_0 E}{L} e^{\lambda} + \frac{\mu_0 E}{L} e^{\lambda h_0 S_0}$$