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October ASKE Milestone Report for AMIDOL

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1. Introduction

$$\frac{dS}{dt} = -\frac{R_t}{T_{\text{inf}}} \cdot IS, \qquad \frac{dE}{dt} = \frac{R_t}{T_{\text{inf}}} \cdot IS - T_{\text{inc}}^{-1}E$$

$$\frac{dI}{dt} = T_{\text{inc}}^{-1}E - T_{\text{inf}}^{-1}I, \qquad \frac{dR}{dt} = T_{\text{inf}}^{-1}I$$