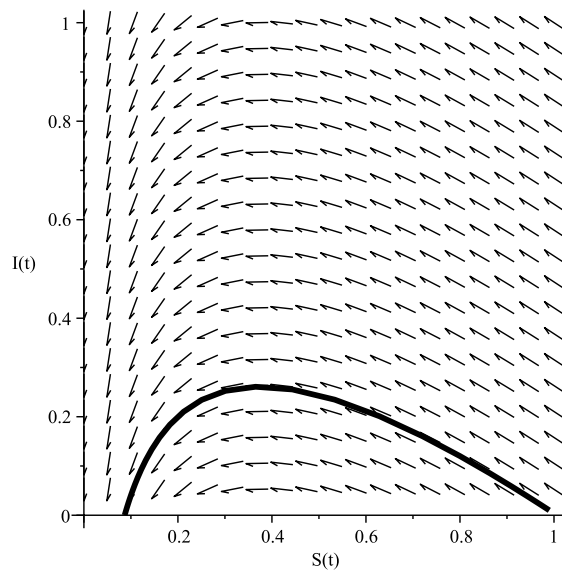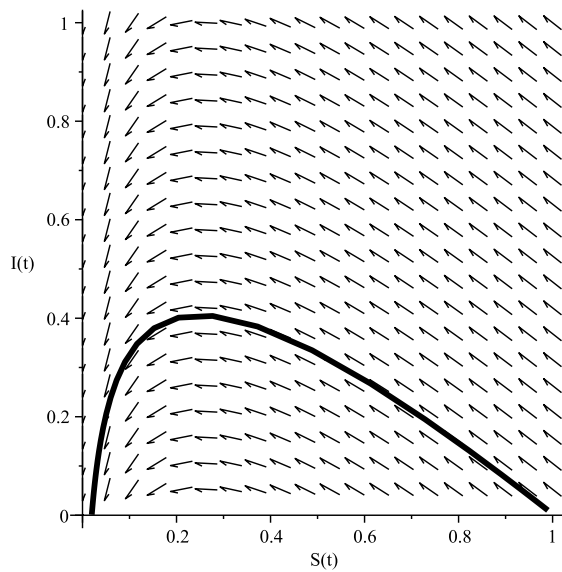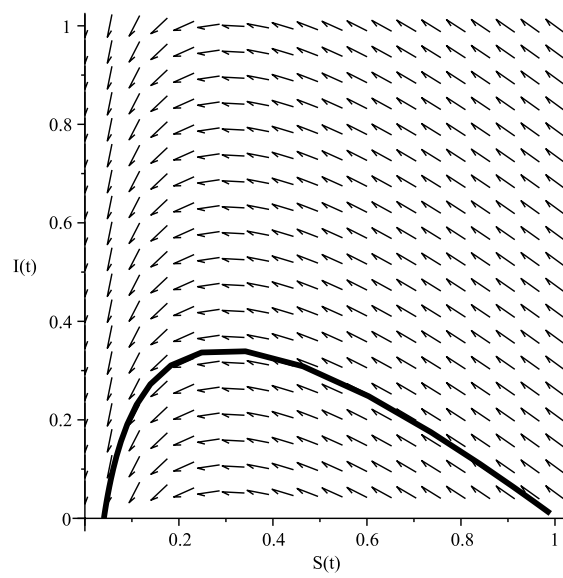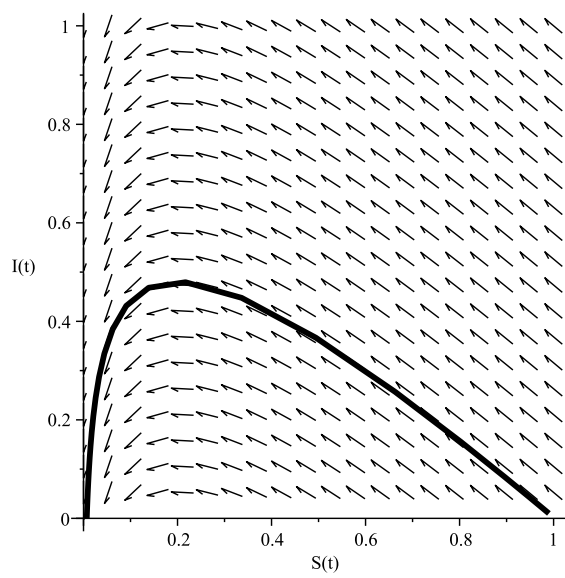SIR model with $\alpha = 0.3$, and $\beta = 0.1$ and $\beta = 0.15$, respectively.

SIR model with $\alpha = 0.4$, and $\beta = 0.1$ and $\beta = 0.15$, respectively.

SIR model with $\alpha = 0.5$, and $\beta = 0.1$ and $\beta = 0.15$, respectively.