QAS Example Questions
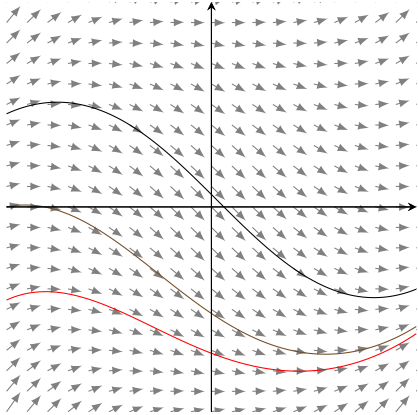## Gregory D. Smith

1. And here is another question:

$$\frac{\mathrm{d}y}{\mathrm{d}x} = x^2 + y^2 - 1$$

2. My first:

$$\frac{\mathrm{d}x}{\mathrm{d}t} = -ax - by \quad \frac{\mathrm{d}y}{\mathrm{d}t} = bx - ay \quad a, b > 0$$