

with(DEtools) :

ode := diff(P(t), t) = 0.25 · P(t) - 0.05 · P(t)²;

$$\frac{d}{dt} P(t) = 0.25 P(t) - 0.05 P(t)^2$$

(1)

DEplot(ode, P(t), t = 0 .. 50, P = 0 .. 8, arrows = line);

