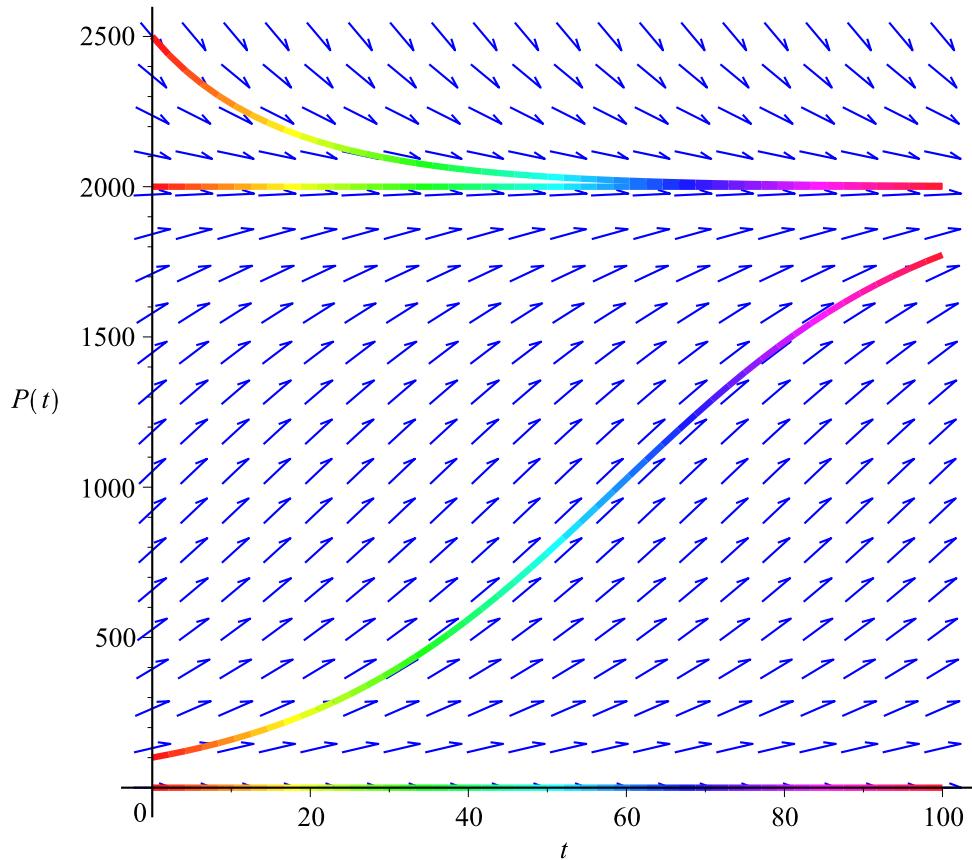


> `with(DEtools) :`

> $de := \text{diff}(P(t), t) = 0.05 \cdot P(t) \cdot \left(1 - \frac{P(t)}{2000}\right);$

$$de := \frac{d}{dt} P(t) = 0.05 P(t) \left(1 - \frac{1}{2000} P(t)\right) \quad (1)$$

> `DEplot(de, P(t), t=0..100, P=0..2500, [[P(0)=0], [P(0)=100], [P(0)=2000], [P(0)=2500]], color=blue, linecolor=t);`



>