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> with(DEtools) :
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```
> de := diff(P(t), t) = 0.05 · P(t) · (1 -  $\frac{P(t)}{2000}$ );
```

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

(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);
```

