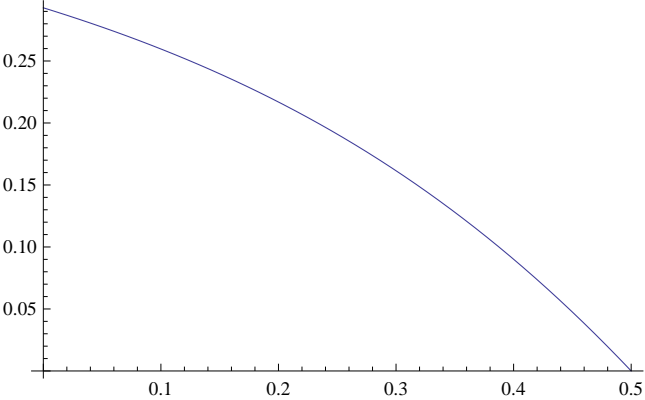


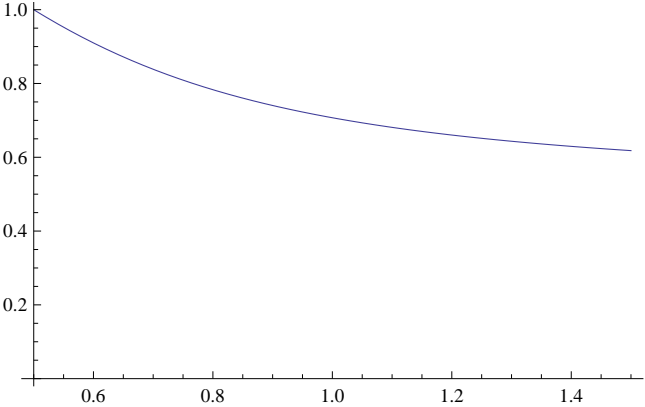
```
FullSimplify[Solve[{d == t + 2 b - 1, d == -t / (1 - 2 t)}, t, {d}]]
```

$$\left\{ \left\{ t \rightarrow 1 - b - \sqrt{\frac{1}{2} + (-1 + b) b} \right\}, \left\{ t \rightarrow 1 - b + \sqrt{\frac{1}{2} + (-1 + b) b} \right\} \right\}$$

```
Plot[1 - b - Sqrt[1/2 + (-1 + b) b], {b, 0, 0.5}, AxesOrigin -> {0, 0}]
```



```
Plot[1 - b + Sqrt[1/2 + (-1 + b) b], {b, 0.5, 1.5}, AxesOrigin -> {0.5, 0}]
```



```
Plot[1/2 + (-1 + b) b, {b, -1, 1}, AxesOrigin -> {0, 0}]
```

