

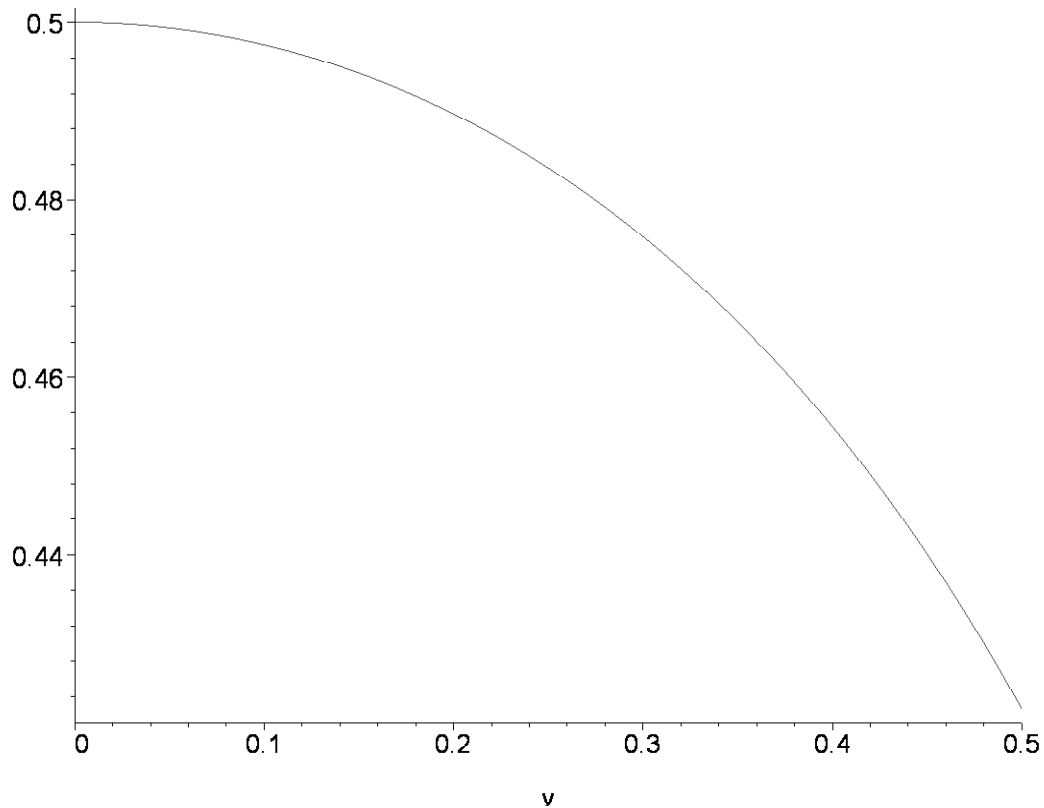
```
[ > restart;¶
```

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[ Calota esférica¶
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```
[ > x:=1-sqrt(1-y^2)+y/tan(2*arcsin(y));¶
```

$$x := 1 - \sqrt{1 - y^2} + \frac{y}{\tan(2 \arcsin(y))}¶$$

```
[ > plot(x,y=0..0.5);¶
```



```
[ > f:=simplify(taylor(x,y,8));¶
```

$$f := \frac{1}{2} - \frac{1}{4}y^2 - \frac{3}{16}y^4 - \frac{5}{32}y^6 + O(y^7)¶$$

```
[ > ¶
```