

In [1]:

```
f(x)=sin(x^2)*e^(cos(x))  
show(f)
```

Out[1]:

$$x \mapsto e^{\cos(x)} \sin(x^2)$$

In [2]:

```
fdash=derivative(f(x),x)  
show(fdash)
```

Out[2]:

$$2x \cos(x^2) e^{\cos(x)} - e^{\cos(x)} \sin(x^2) \sin(x)$$

In [0]: