|  |  |
| --- | --- |
| **FUNCIÓ** | **FUNCIÓ DERIVADA** |
| (constant) |  |
| $$f\left(x\right)=x$$ | $$f'\left(x\right)=1$$ |
|  |  |
| $$f\left(x\right)=a^{x}$$ | $$f^{'\left(x\right)}=a^{x}·lna$$ |
| $$f\left(x\right)=e^{x}$$ | $$f'\left(x\right)=e^{x}$$ |
| $$f\left(x\right)=log\_{a}x$$ | $$f'\left(x\right)=\frac{1}{x·lna}$$ |
|  |  |
|  |  |
|  |  |
| $$f\left(x\right)=arcsinx$$ | $$f^{'}\left(x\right)=\frac{1}{\sqrt{1-x^{2}}}$$ |
| $$f\left(x\right)=arccosx$$ | $$f^{'}\left(x\right)=\frac{-1}{\sqrt{1-x^{2}}}$$ |
| $$f\left(x\right)=arctgx$$ | $$f^{'}\left(x\right)=\frac{1}{1+x^{2}}$$ |