



UDS

Universidad Del Sureste

6to Cuatrimestre Bachillerato
Administración De Recursos Humanos

MATEMATICA APLICADA

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Funcion	Derivada
1o - $y = \arcsin u$	$y' = \frac{u'}{\sqrt{1-u^2}}$
2o - $y = \arccos u$	$y' = \frac{-u'}{\sqrt{1-u^2}}$
3o - $y = \arctan u$	$y' = \frac{u'}{1+u^2}$
4o - $y = \operatorname{arccot} u$	$y' = \frac{-u'}{1+u^2}$
5o - $y = \operatorname{arcsec} u$	$y' = \frac{u'}{ u \sqrt{u^2-1}}$
6o - $y = \operatorname{arccsc} u$	$y' = \frac{-u'}{ u \sqrt{u^2-1}}$