ภาคผนวก จ

TRIGONOMETRIC   E-UNCTIONS

Function	Equivalent
Secant	SEC(X)=1/COS(X)
Cosecant	CSC(X)=1/SIN(X)
Cotangent	COT(X)=1/TAN(X)
Inverse Sine	ARCSIN(X)=ATN(X/SQR(-X*X+1))
inverse Cosine	ARCCOS(X)=-ATN(X/SQR(-X*X+1))+1.5708
Inverse Secant	ARCSEC(X)=ATN(X/SQR(X*X-1))
	+SGN(SGN(X)-1)*1.5708
Inverse Cosecant	ARCCSC(X)=ATN(X/SQR(X*X-1))
	+(SGN(X)-1)*1.5708
inverse Cotangent	ARCCOT(X)=ATN(X)+1.5708
Hyperbolic Sine	SINH(X)=(EXP(X)-EXP(-X))/2
Hyperbolic Cosine	COSH(X)=(EXP(X)+EXP(-X))/2
Hyperbolic Tangent	TANH(X)=(EXP(X)-EXP(-X))/(EXP(X)
	+EXP(-X))
Hyperbolic Secant	SECH(X)=2/(EXP(X)+EXP(-X))
Hyperbolic Cosecant	CSCH(X)=2/(EXP(X)-EXP(-X))
Hypwbolic Cotangent	COTH(X)=(EXP(X)
	+EXP(-X))/(EXP(X)-EXP(-X))
Inverse Hyperbolic Sine	ARCSINH(X)=LOG(X+SQR(X*X+1))
Inverse Hyperbolic Cosine	ARCCOSH(X)=LOG(X+SQR(X*X-1))

Function	Equivalent
inverse Hyperbolic Tangent	ARCTANH(X)=LOG((1+X)/(1-X))/2
Inverse Hyperbolic Secant	ARCSECH(X)=LOG((SQR(-X*X+1)+1)/X)
Inverse Hyperbolic Cosecant	ARCCSCH(X)=LOG((SGN(X)*SQR(X*X+1)+1)/X)
Inverse Hyperbolic Cotangent	ARCCOTH(X)=LOG((X+1)/(X-1))/2

ดูคำสั่ง DEF FN สำหรับข้อมูลการลงรหัส (coding information) เพิ่มเติม