	Method	
Example	Heun's	Half Step
y' = x + y		

Mathematica

		Method			
	Example	Heun's	Half Step	Step-size	Relative Error(%)
	(x^2+y^2+1)^1/3	{5,16.216}	{5,16.1663}	10	0.31%
	(x^2+y^2+1)^1/3	{5,16.3074}	{5, 16.3074}	1,000	0%

Python

Relative error

(Measured - Actual) / Actual x 100 Measured: Half Step; Heun: actual

		Method			
	Example	Heun's	Half Step	Step-size	Relative Error(%)
	(x^2+y^2+1)^1/3	(5, 16.21602198}	{5, 16.16633355	10	0.31%
	(x^2+y^2+1)^1/3	5, 1.63074467e^	5, 1.63074413e^1	1,000	0.000033%