

Method	Numerical order	Theoretical order
ERK4	4.02	4
ERK5 (DOPRI5)	5.29	5
ERK5 (DOPRI853)	5.97	8
SDIRK	2.94	4
ROS4	3.11	4
ROW	2.96	3
ROK	3.85	4
ODE45	5.39	5