

TOL trade-off metrics (adaptive RK)

| TOL | runtime [s] | N steps | max error | final error |
|-------|-------------|---------|-----------|-------------|
| 1e-03 | 0.008541 | 115 | 8.015e-02 | 2.305e-06 |
| 1e-04 | 0.010592 | 137 | 3.264e-02 | 4.114e-07 |
| 1e-05 | 0.016383 | 191 | 1.187e-02 | 7.921e-08 |
| 1e-06 | 0.027986 | 314 | 3.901e-03 | 1.729e-08 |
| 1e-07 | 0.044678 | 598 | 1.088e-03 | 7.149e-09 |
| 1e-08 | 0.088659 | 1244 | 1.777e-04 | 4.398e-09 |