

errors and error estimates

$10^{-2}$   
 $10^{-4}$   
 $10^{-6}$   
 $10^{-8}$   
 $10^{-10}$   
 $10^{-12}$   
 $10^{-14}$

$10^{-2}$

time step

$10^{-1}$

- err. midpoint
- err.est. midpoint
- $dt^3$
- err. CFMp4j2
- err.est. CFMp4j2
- $dt^5$
- err. CFMp4j3
- err.est. CFMp4j3

