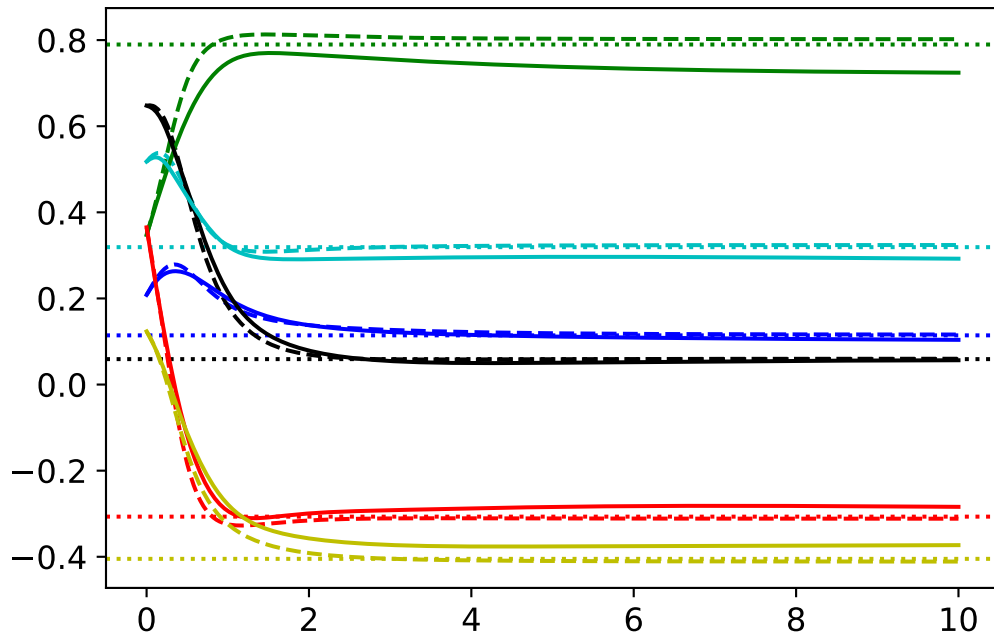


Euler  $N_t=501$ , FFNN  $N_t=51$

Components of vector,  $v$

Time,  $t$



- ..... Numpy  $v_1=0.11426$
- ..... Numpy  $v_2=0.78973$
- ..... Numpy  $v_3=-0.30677$
- ..... Numpy  $v_4=-0.40479$
- ..... Numpy  $v_5=0.05906$
- ..... Numpy  $v_6=0.31910$
- - - Euler  $v_1=0.11619$
- - - Euler  $v_2=0.80217$
- - - Euler  $v_3=-0.31156$
- - - Euler  $v_4=-0.41109$
- - - Euler  $v_5=0.05994$
- - - Euler  $v_6=0.32408$
- FFNN  $v_1=0.10384$
- FFNN  $v_2=0.72431$
- FFNN  $v_3=-0.28403$
- FFNN  $v_4=-0.37296$
- FFNN  $v_5=0.05647$
- FFNN  $v_6=0.29231$