Runge–Kutta–Verfahren 4. Ordnung

Butcher–Block:

0				
1/2	1/2			
1/2	0	1/2		
1	0	0	1	
	1/6	1/3	1/3	1/6

$\rightarrow \Phi = \_\_ f^{(1)} + \_\_ f^{(2)} + \_\_ f^{(3)} + \_\_ f^{(4)}$

$f^{(1)} = \left(\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ \right)$

$f^{(2)} = \left(\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ \right)$

$f^{(3)} = \left(\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ \right)$

$f^{(4)} = \left(\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ \right)$

Algorithmus: