

Butcher-Tableau


weights used to integrate up to $y(t + \gamma_1 h)$ to find \underline{k}_1

RK-nodes

γ_1	$\alpha_{1,1}$	\cdots	$\alpha_{1,m}$
\vdots	\vdots	\ddots	\vdots
γ_m	$\alpha_{m,1}$	\cdots	$\alpha_{m,m}$

β_1	\cdots	β_m
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RK-weights



weights used to integrate
up to $\underline{y}(t + \gamma_1 h)$ to find \underline{k}_1

step-on-kick

Y₁

Yn

$$\alpha$$

1,1

 α

1,m

$$\alpha$$
$$m, 1$$
 α


m,m

$$\beta$$

1

 β

m



RK-weights