Template for simulations for the real matrix-matrix product algorithms

$$A = \begin{bmatrix} a_{\infty} & a_{01} \\ a_{10} & a_{11} \\ a_{20} & a_{21} \\ a_{30} & a_{31} \end{bmatrix} = \begin{bmatrix} b_{00} \\ b_{10} \\ b_{20} \end{bmatrix}$$

$$(aob_{0} + ao_{1}b_{1})$$

$$(ab_{c} + ab_{1}b_{1})$$

Matrix can be schematically represented as follows:

