

$$\begin{pmatrix} a_{01_{00}} & 0 & b_{01_{10}} & 0 & a_{01_{01}} & 0 & 0 & 0 & 0 & 0 & b_{01_{00}} & 0 \\ a_{01_{10}} & b_{01_{00}} & 0 & 0 & a_{01_{11}} & 0 & 0 & 0 & 0 & b_{01_{10}} & 0 & 0 \\ 0 & 0 & b_{01_{11}} & a_{01_{01}} & 0 & 0 & 0 & a_{01_{00}} & 0 & 0 & b_{01_{01}} & 0 \\ 0 & b_{01_{01}} & 0 & a_{01_{11}} & 0 & 0 & 0 & a_{01_{10}} & 0 & b_{01_{11}} & 0 & 0 \\ a_{02_{00}} & 0 & 0 & 0 & a_{02_{01}} & 0 & b_{02_{00}} & 0 & 0 & 0 & 0 & 0 \\ a_{02_{10}} & 0 & 0 & 0 & a_{02_{11}} & b_{02_{00}} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & a_{02_{01}} & 0 & 0 & b_{02_{01}} & a_{02_{00}} & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & a_{02_{11}} & 0 & b_{02_{01}} & 0 & a_{02_{10}} & 0 & 0 & 0 & 0 \\ 0 & 0 & b_{21_{10}} & 0 & 0 & 0 & 0 & 0 & a_{21_{00}} & 0 & b_{21_{00}} & 0 \\ 0 & b_{21_{00}} & 0 & 0 & 0 & 0 & 0 & 0 & a_{21_{10}} & b_{21_{10}} & 0 & 0 \\ 0 & 0 & b_{21_{11}} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & b_{21_{01}} & a_{21_{00}} \\ 0 & b_{21_{01}} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & b_{21_{11}} & 0 & a_{21_{10}} \end{pmatrix}$$