

$$\begin{array}{rcl}
A_{11} \cdot B_{11} + A_{11} \cdot B_{22} + A_{22} \cdot B_{11} + A_{22} \cdot B_{22} & & \\
- A_{22} \cdot B_{11} & + A_{22} \cdot B_{21} & \\
- A_{11} \cdot B_{22} & & - A_{12} \cdot B_{22} \\
& - A_{22} \cdot B_{22} - A_{22} \cdot B_{21} + A_{12} \cdot B_{22} + A_{12} \cdot B_{21} & \\
\hline
A_{11} \cdot B_{11} & & + A_{12} \cdot B_{21} ,
\end{array}$$