

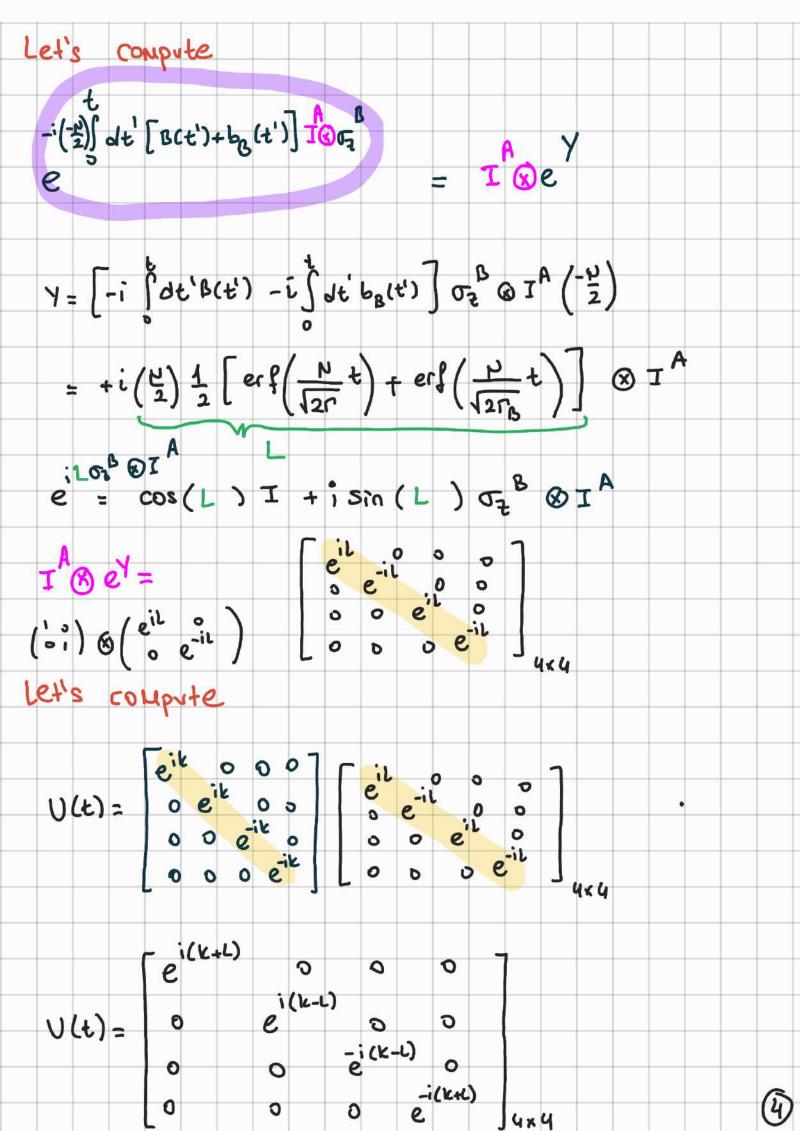
$$\int_{0}^{t} B(t') dt' \simeq \frac{1}{2} \operatorname{erf}\left(\frac{N}{\sqrt{2\Gamma}}t\right)$$

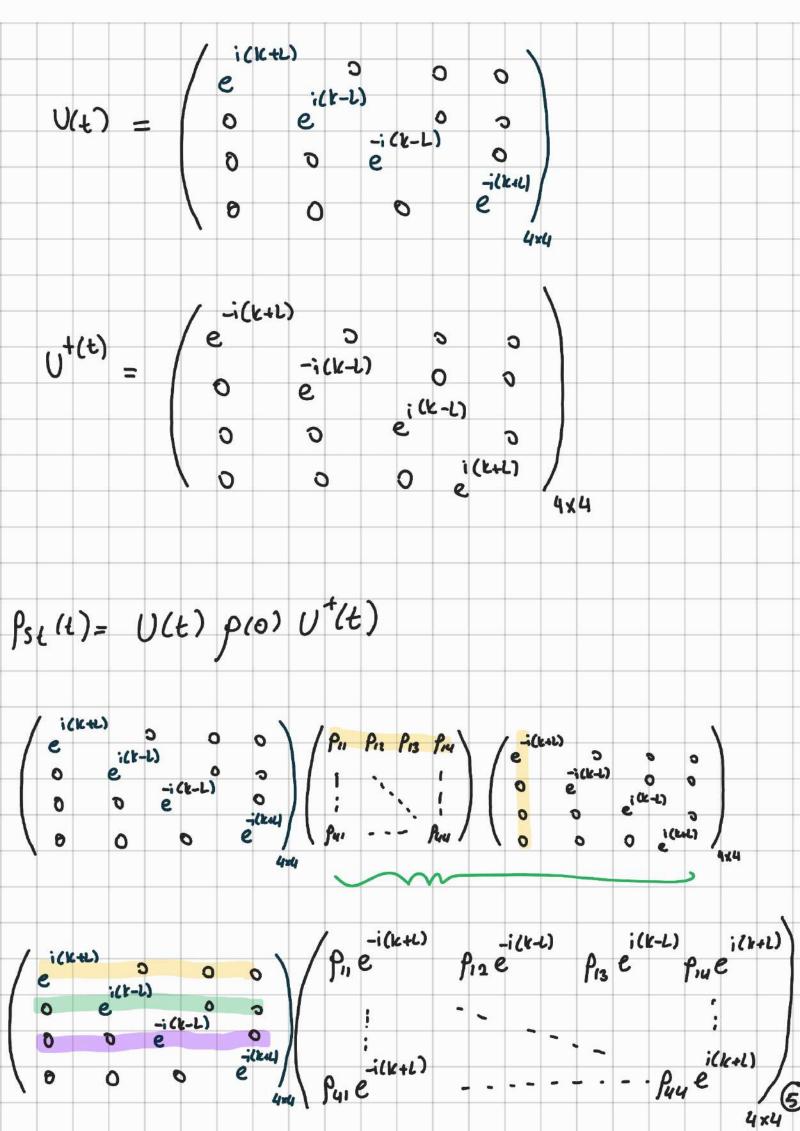
$$\int_{0}^{t} b_{A}(t') dt' = \frac{1}{2} \operatorname{erf}\left(\frac{N}{\sqrt{2\Gamma}}t\right)$$

$$\int_{0}^{t} b_{B}(t') dt' = \frac{1}{2} \operatorname{erf}\left(\frac{N}{\sqrt{2\Gamma}}t\right)$$

$$\int_{0}^{t} dt' = \frac{1}{2} \operatorname{erf}\left(\frac{N}{\sqrt{2\Gamma}}t\right) + \operatorname{erf}\left(\frac{N}{\sqrt{2\Gamma}}t\right)$$

$$\int_{0}^{t} \int_{0}^{t} \int$$





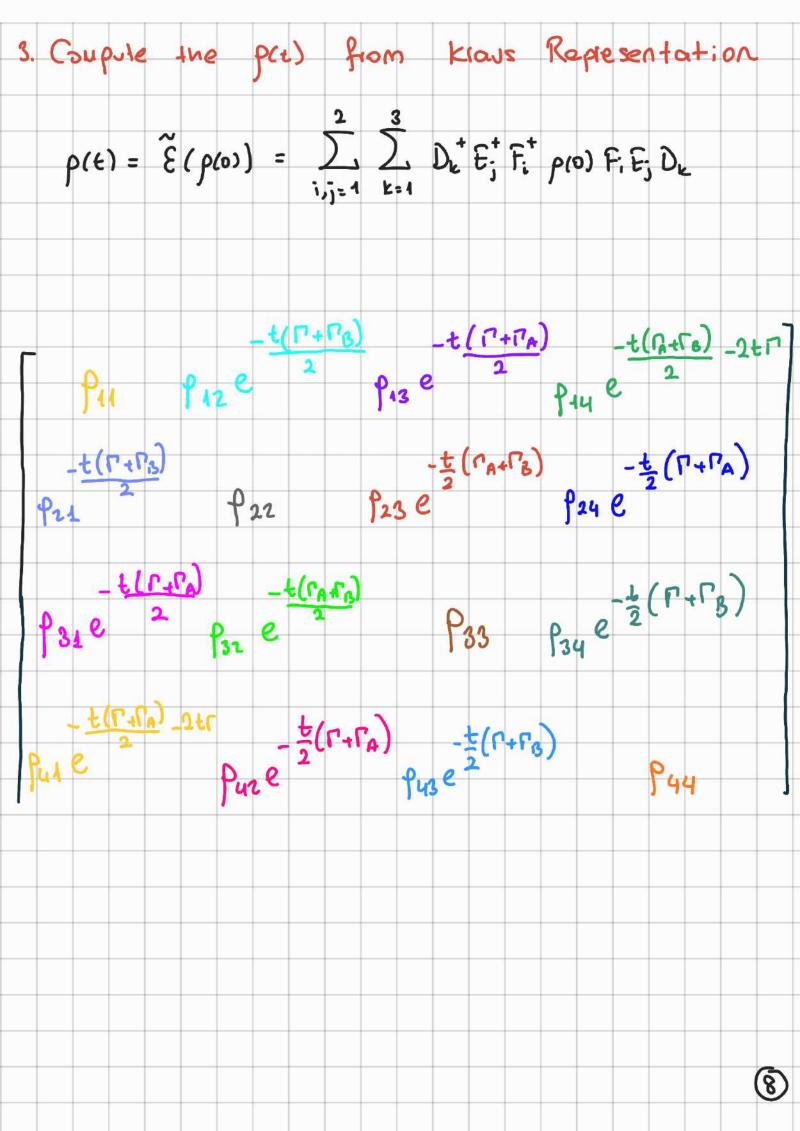
2.1 Compute
$$\langle p_{s_{\xi}}(t) \rangle_{b_{g}}$$

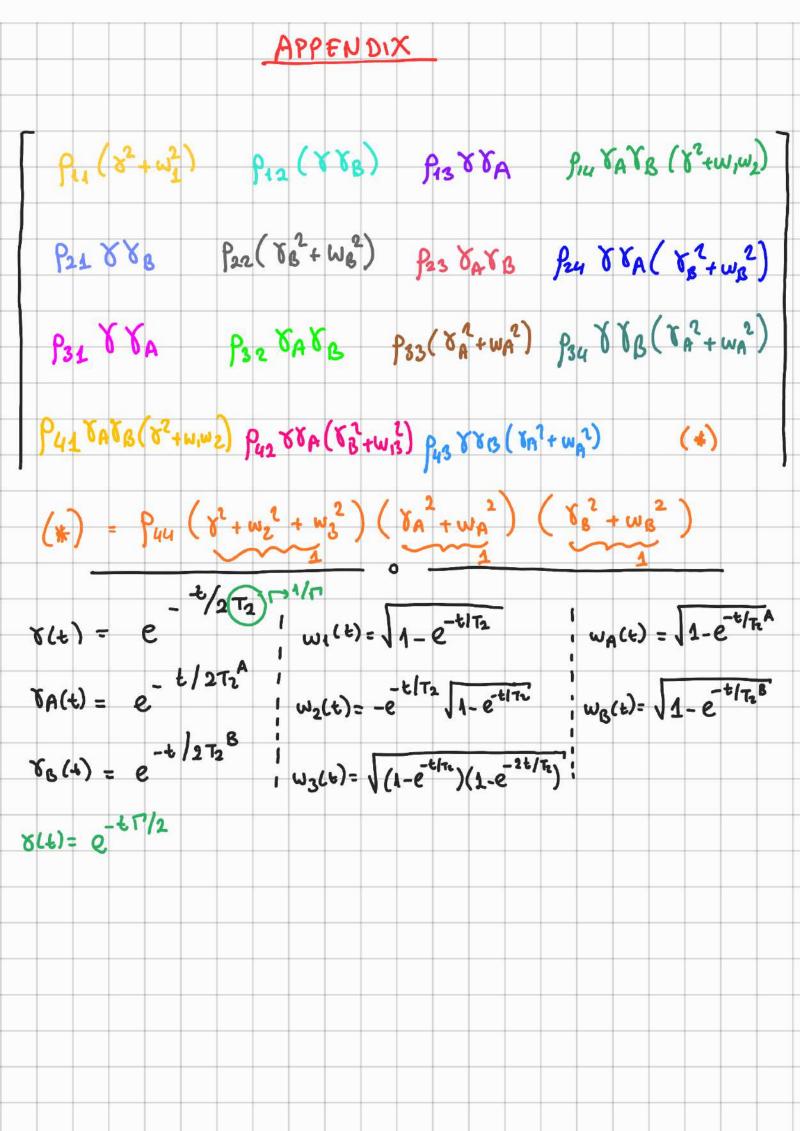
$$\int dt_{3} \, b_{g}(t_{3}) \, p_{s_{\xi}}(t_{3}) = \int dt \, b_{g}(t) \, p_{s_{\xi}}(t)$$

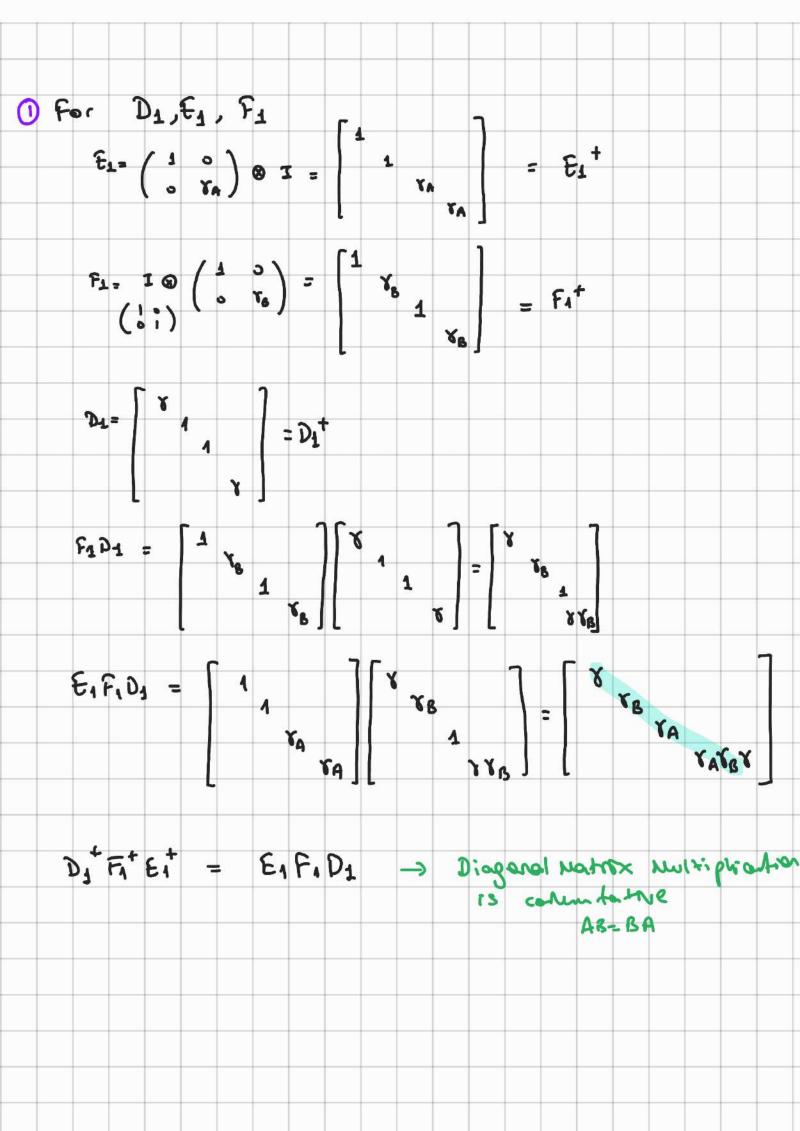
$$= \frac{1}{\sqrt{2\pi} \Gamma_{g}} \int dt \, e^{-\frac{N^{2}}{2\Gamma_{s}}} t^{2}$$

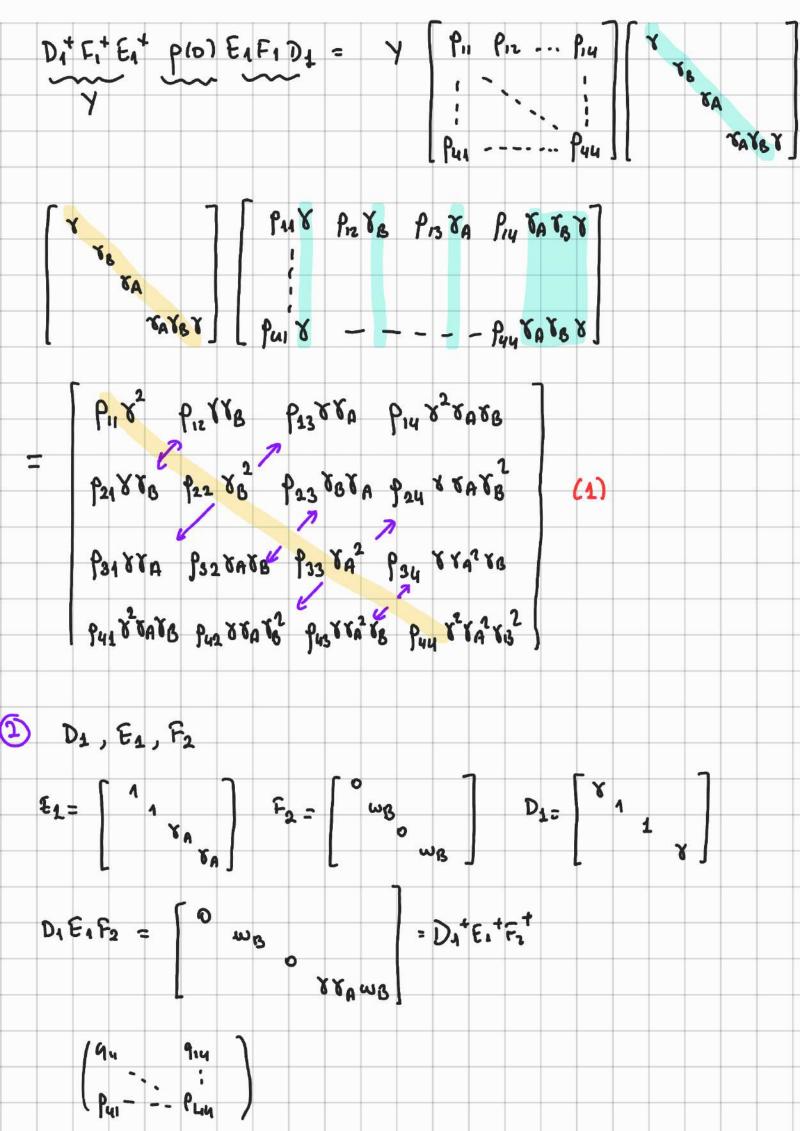
$$= \frac{N}{\sqrt{2\pi} \Gamma_{g}} \int dt \, e^{-\frac{N^{2}}{2\Gamma_{s}}} t^{2}$$

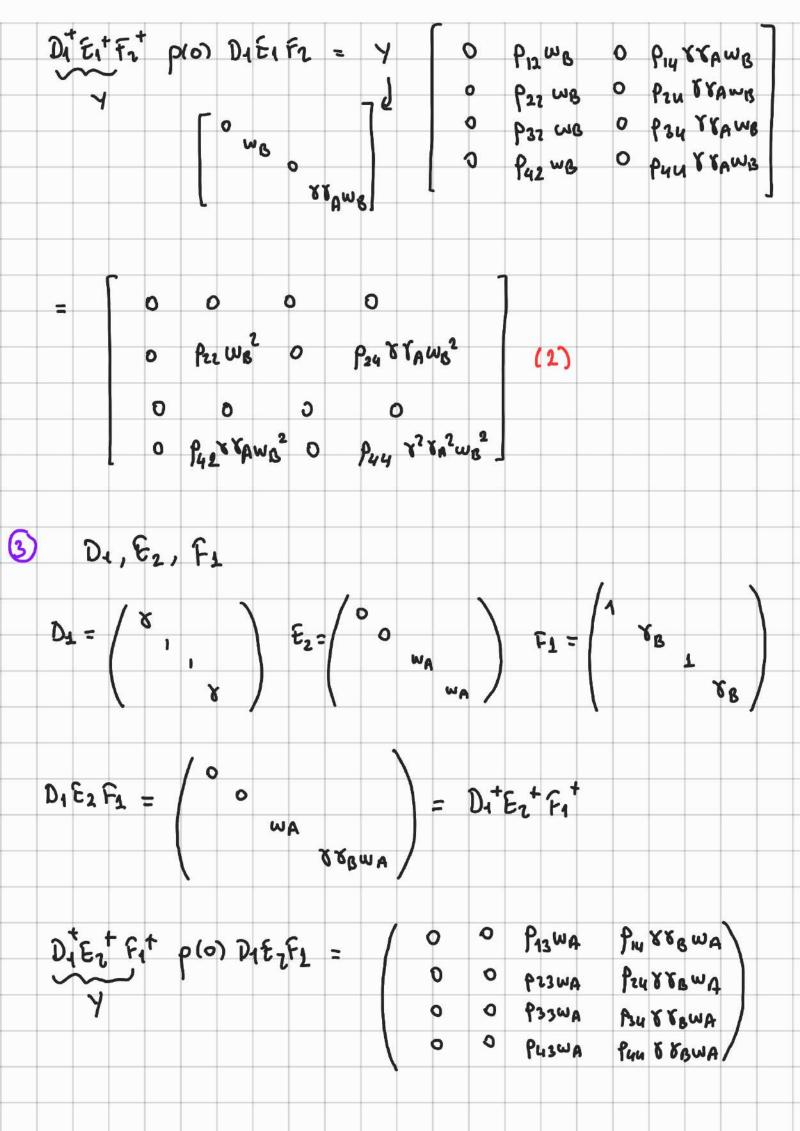
$$= \frac{1}{\sqrt{2\pi} \Gamma_{g}} \int dt \, e^{-\frac{N^{2}}{2\Gamma_{g}$$

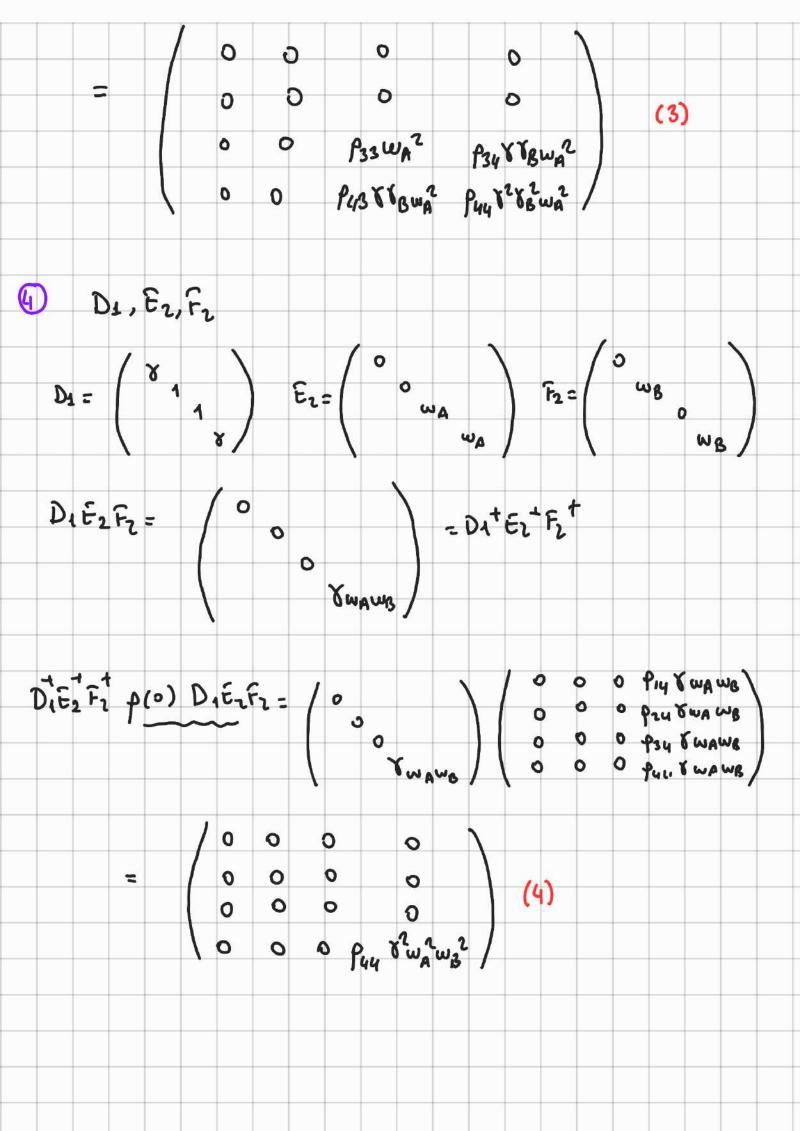


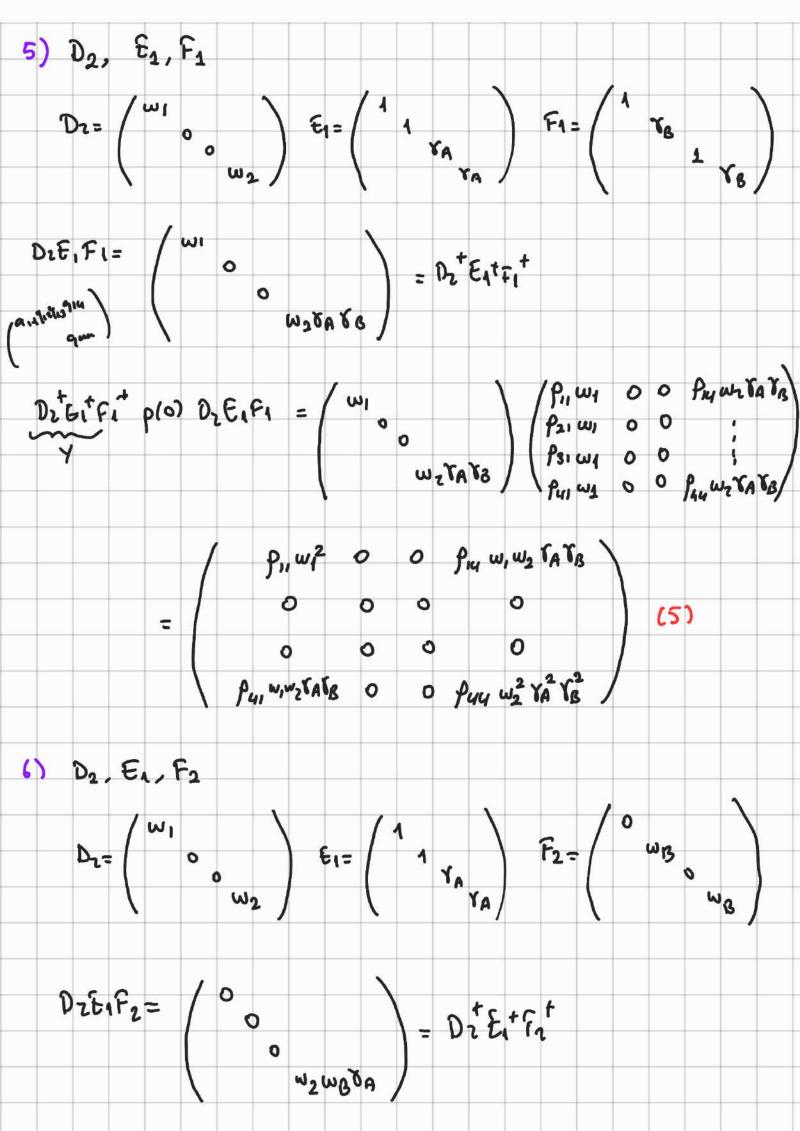


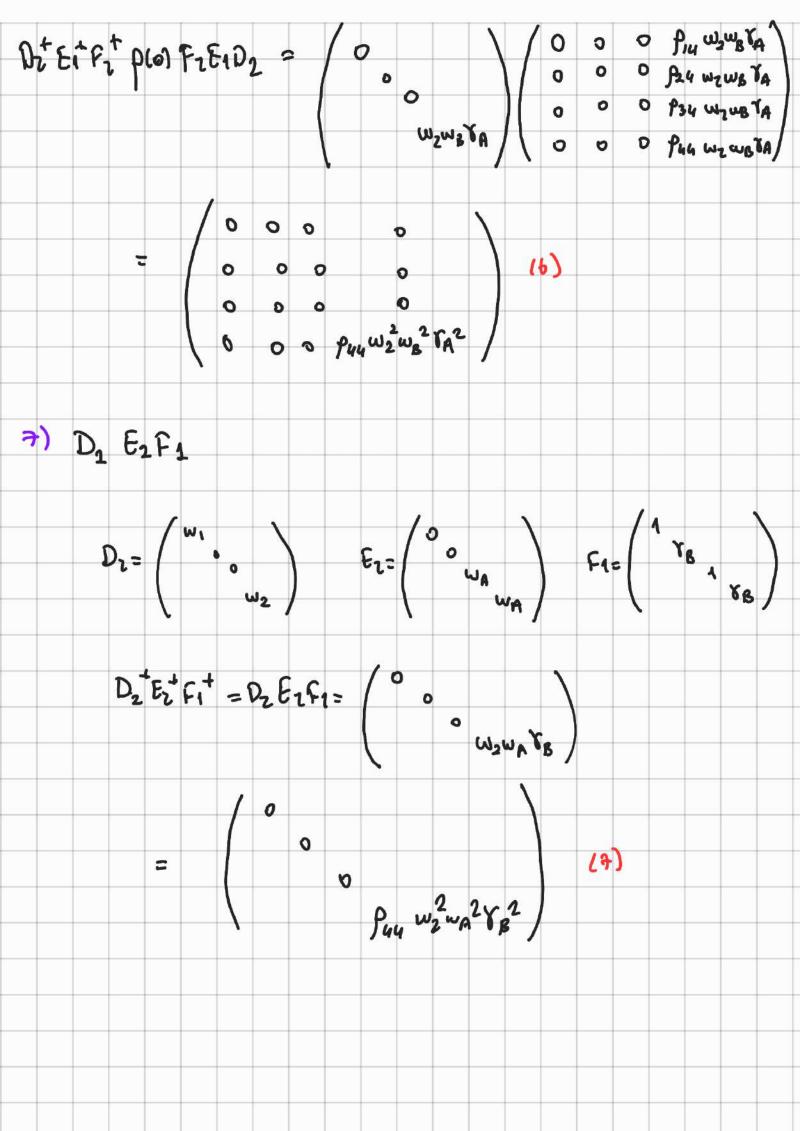


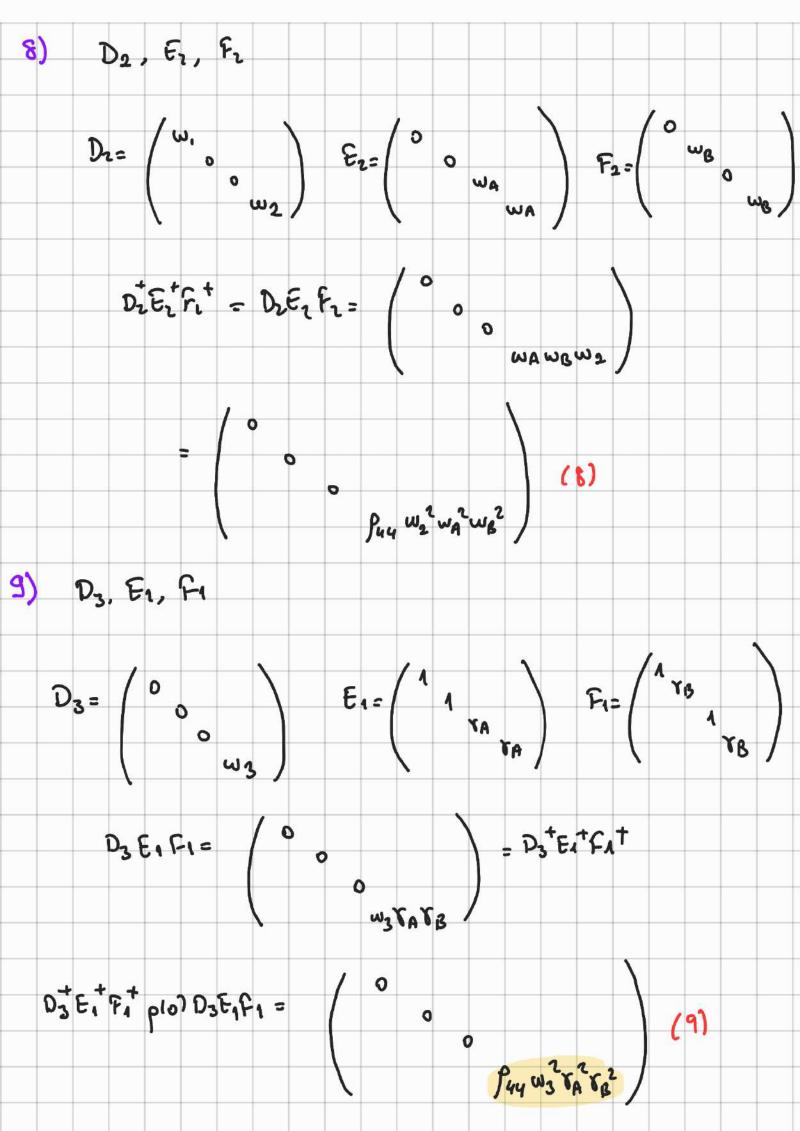


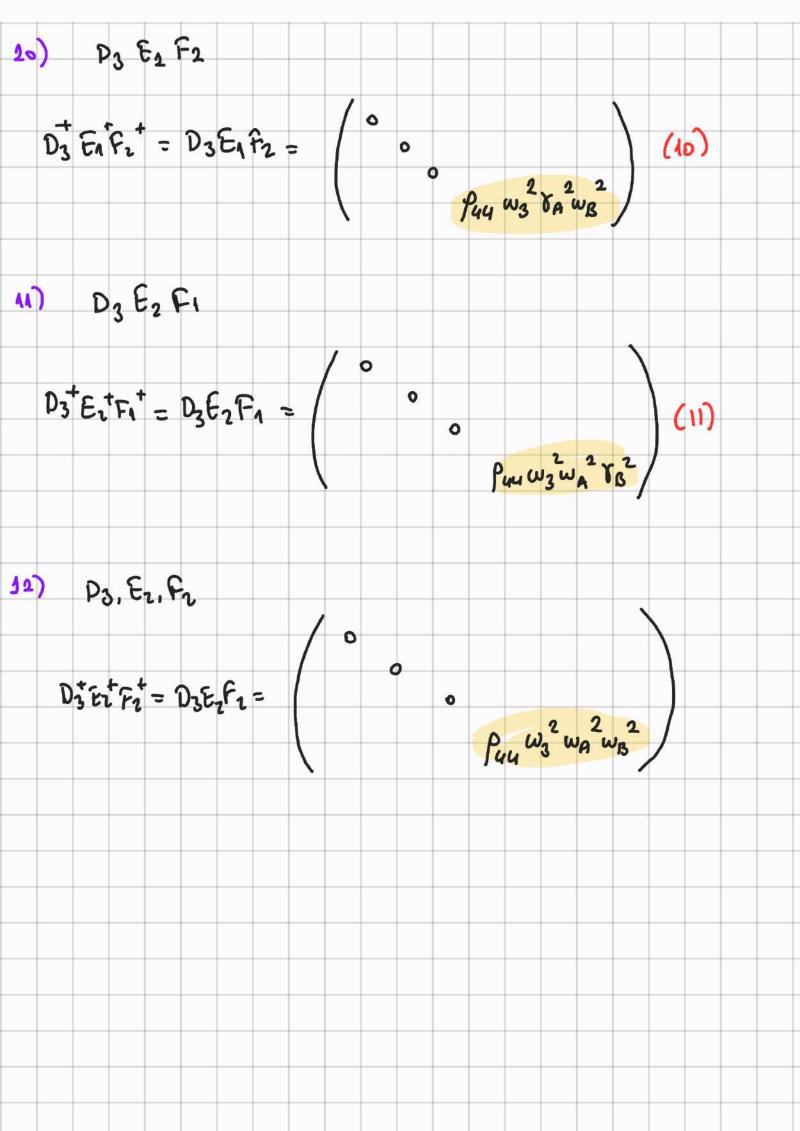


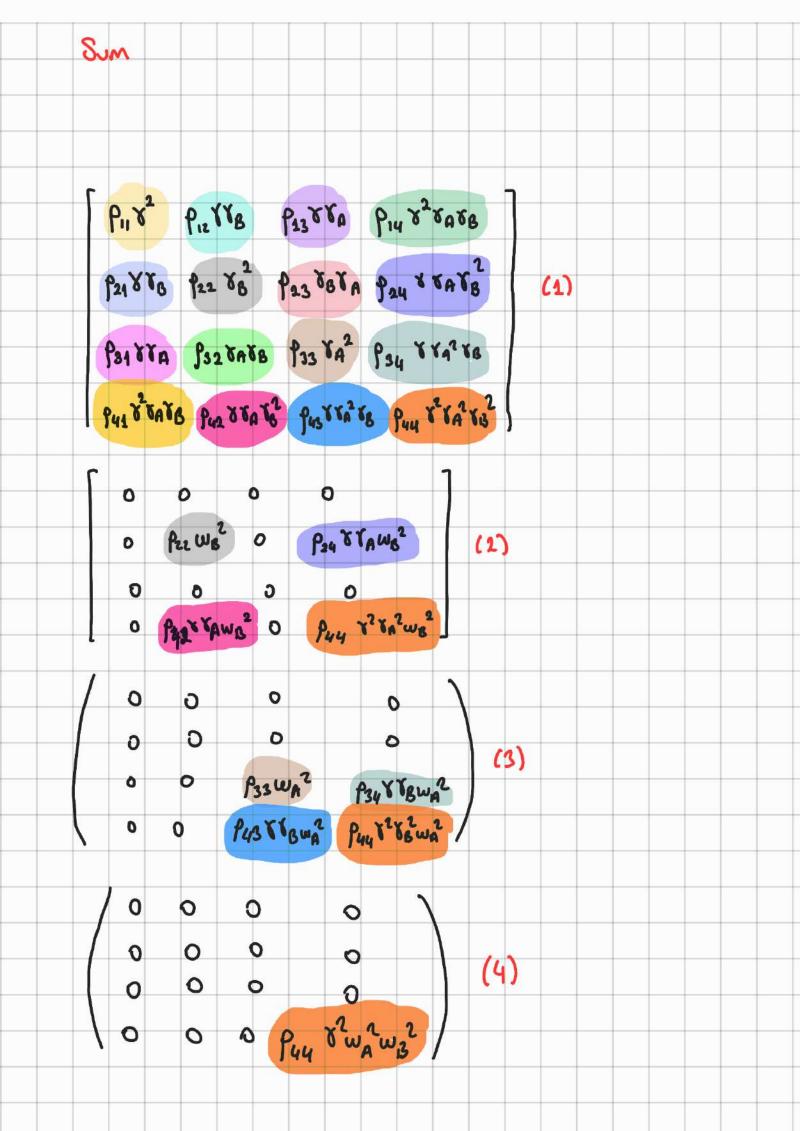


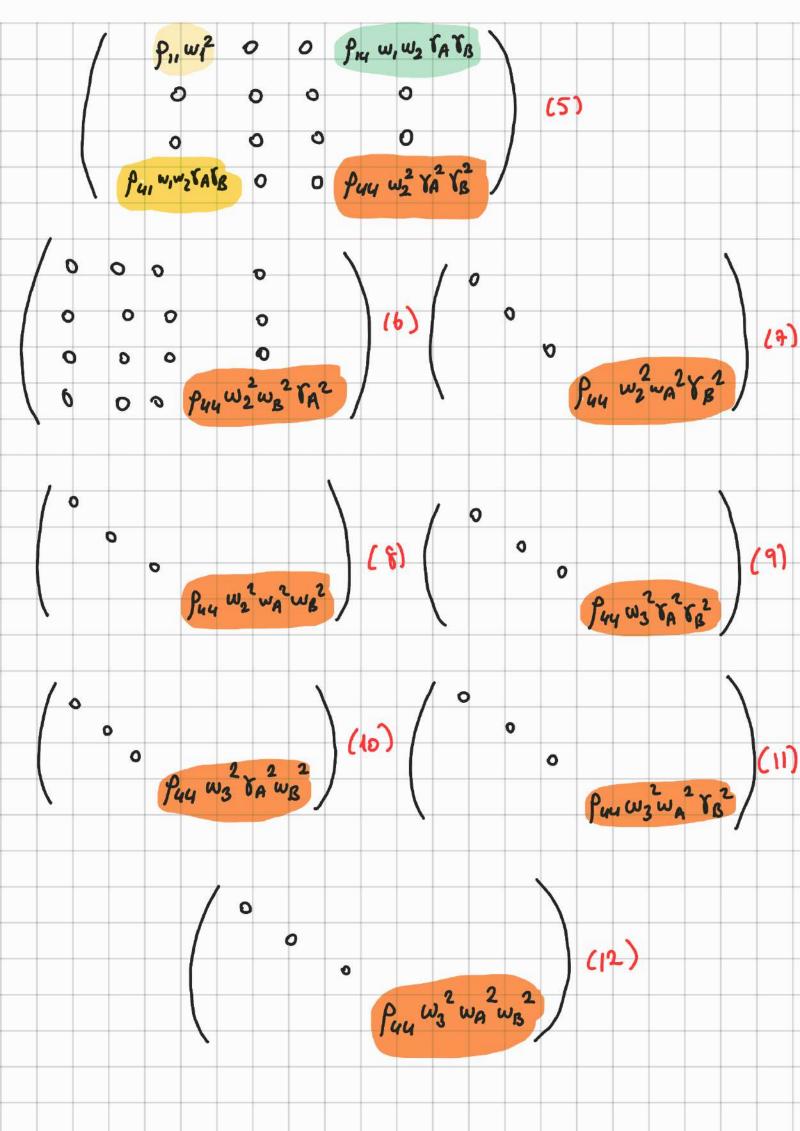












$$P_{44} \begin{pmatrix} 8^{2} + \omega_{1}^{2} \end{pmatrix} P_{42} \begin{pmatrix} 8^{2} + \omega_{6}^{2} \end{pmatrix} P_{43} & 8^{2} + \omega_{1}^{2} \end{pmatrix} P_{44} & 8^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} + \omega_{1}^{2} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}^{2} + \omega_{1}^{2} + \omega_{1}^{2} \end{pmatrix} \begin{pmatrix} 8^{2} + \omega_{1}$$