Summary of the EM Algorithm for the Gaustian Care:

$$D_1^2 = M_2^{old} + \frac{c_3^{old}}{1 - \overline{\Phi}\left(\frac{S_1 - M_2^{old}}{C_2^{old}}\right)} \psi\left(\frac{S_1 - M_2^{old}}{C_2^{old}}\right)$$

$$D_{\nu}^{i} = (M_{\nu}^{old})^{2} + (G_{\nu}^{old})^{2} + \frac{M_{\nu}^{old} G_{\nu}^{old}}{(G_{\nu}^{old})^{2}} + \frac{M_{\nu}^{old} G_{\nu}^{old}}{(G_{\nu}^{old})^{2}}$$

+
$$\frac{\left(\sigma_{2}^{\circ}\right)^{2}}{1-\tilde{\Phi}\left(\frac{s_{i}-\mu_{i}^{\circ}}{\sigma_{2}^{\circ}\right)^{2}}$$
 $\phi\left(\frac{s_{i}-\mu_{b}^{\circ}}{\sigma_{2}^{\circ}}\right)^{2}$

$$x_{1}^{2} = M_{1}^{old} + \frac{r_{1}^{old}}{1 - \overline{\Phi}\left(\frac{s_{1} - M_{1}^{old}}{r_{1}^{old}}\right)} \phi\left(\frac{s_{1} - M_{1}^{old}}{r_{1}^{old}}\right)$$

$$X_{2}^{i} = (M_{1}^{old})^{2} + (G_{0ld})^{2} + \frac{M_{1}^{old} G_{0ld}}{I - \Phi(S_{1} - M_{0}^{old})} + \frac{S_{1}^{old} G_{0ld}}{I - \Phi(S_{1} - M_{0}^{old})}$$

$$\mu_1^{new} = \frac{1}{2N} \sum_{i=1}^{N} (x_i^i + S_i^i)$$

$$(q_1^2)^{NW} = \frac{1}{2W} \sum_{i=1}^{N} (x_2^i + s_1^2) - \left[\frac{1}{2W} \sum_{i=1}^{N} (x_i^i + s_1^2) \right]^2$$

$$\mu_{2}^{\text{new}} = \mu \frac{1}{2N} \sum_{i=1}^{N} (p_{i}^{i} + S_{i})$$

$$(\sigma_{2}^{2})^{NeW} = \frac{1}{2N} \sum_{i=1}^{N} (D_{2}^{i} + S_{i}^{2}) - (\frac{1}{2N} \sum_{i=1}^{N} (D_{2}^{i} + S_{i}^{2}))^{2}$$

Herute until convergence.