

 $p(\theta_1, \theta_2 | m_1, m_2, \hat{C})$

 $\mathbf{m}_{_{1}}$

 $p(mr_1, mr_2 | \hat{\theta}_1, \hat{\theta}'_2) - \sigma_{mr}$

 $m_{_1}$

 $p(\theta_1, \theta_2 | mr_1, mr_2, \hat{C})$

Model 3b: high-to-low decoding, redecode 2nd estimate, resample from first decoded estimate

 \mathbf{m}_{1}

 $p(m_1, m_2 | s_1, s_2) - \sigma_m$

 $p(s_1, s_2 | \theta_1, \theta_2) - \sigma_s$