$$\left\{ \frac{2^{n} \phi_{b | j}, 2^{n} \phi_{b | m}}{2 \sigma^{2}} \right\} \approx \left\{ \frac{\eta^{\parallel} j m}{2 \sigma^{2}} + \frac{\eta^{\parallel} j l}{2 \sigma^{2}} + \frac{\eta^{\parallel} j l}{2 \sigma^{2}} + \frac{\eta^{\parallel} i m}{2 \sigma^{2}} + \frac{\eta^{\parallel} i m}{2 \sigma^{2}} + \frac{\eta^{\parallel} i l}{2 \sigma^{2}} + \frac{\eta^{\parallel} i l}{2 \sigma^{2}}, 0, 0 \right\}$$