$$1+\frac{C^{111}}{Km_{b3}}+\frac{C^{111}}{Km_{b2}}+\frac{C^{111}}{Km_{b1}}+\frac{C^{100}}{Km_{b1}}+\frac{C^{010}}{Km_{b2}}+\frac{C^{001}}{Km_{b3}}+\frac{C^{110}}{Km_{b1}}+\frac{C^{110}}{Km_{b2}}+\frac{C^{101}}{Km_{b1}}+\frac{C^{101}}{Km_{b3}}+\frac{C^{011}}{Km_{b3}}+\frac{C^{011}}{Km_{b2}}$$

$$+\frac{C^{111*}}{Km_{b1}}+\frac{C^{100*}}{Km_{b1}}+\frac{C^{010*}}{Km_{b2}}+\frac{C^{001*}}{Km_{b3}}+\frac{C^{110*}}{Km_{b1}}+\frac{C^{110*}}{Km_{b2}}+\frac{C^{101*}}{Km_{b1}}+\frac{C^{101*}}{Km_{b3}}+\frac{C^{011*}}{Km_{b3}}+\frac{C^{011*}}{Km_{b2}}+\frac{APT_{2t}}{Km_{b2}}$$