Co-efficient of Variation of Fibre Diameter

According to Palmer, the co-efficient of variation (CV) of fibre diameter of three-component blend can be predicted as follows:

$$C2 = x1\ C12 + x2\ C22 + x3\ C32 + 5{,}29 \times 104 \{x1\ x2\ (\log 10\ \frac{d1}{d2})2 + x2\ x3\ (\log 10\ \frac{d_2}{d3})2 + x3\ x1 (\log 10\ \frac{d_3}{d1})2\}$$

where C = CV of blend
C_1 C_2 and C_3 are the CV's (in %) of each component
d_1 d_2 and d_3 are the mean fibre diameters (in (m) of each component, and x_1 x_2 and x_3 are fractions of each component blended.
In a two-component blend x3 = 0.