$$\frac{C}{N} = \frac{\left[\overline{Z_{1}(y-\overline{y})}\right]}{\left[\overline{Z_{2}(y-\overline{y})}\right]} = \frac{\left[Cov(x,y)\right]}{\left[Cov(x_{2},y)\right]}$$

$$A = \begin{bmatrix} V_{\alpha'}(x_1) & Cov(v_1, x_2) \\ Cov(x_1, x_2) & V_{\alpha'}(x_1) \end{bmatrix} \quad C = \begin{bmatrix} Cov(x_1, y) \\ Cov(x_2, y) \end{bmatrix}$$

Intuition is that slope coefficients are found by solving Ab=C for b.