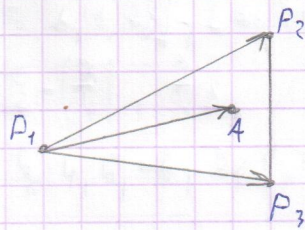
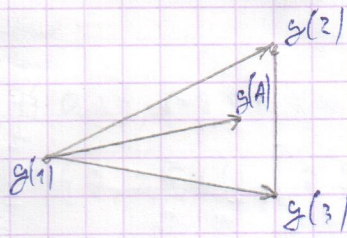


4.

Белюсов Е  
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$$\begin{vmatrix} x_2 - x_1 & x_3 - x_1 & x_4 - x_1 \\ y_2 - y_1 & y_3 - y_1 & y_4 - y_1 \\ g(2) - g(1) & g(3) - g(1) & g(4) - g(1) \end{vmatrix} = 0$$

$$\begin{vmatrix} -3 - 0 & -4 - 0 & -\frac{7}{4} - 0 \\ 5 - 3 & 0 - 3 & \frac{3}{2} - 3 \\ 5 - 4 & 14 - 4 & g(4) - 4 \end{vmatrix} = 0$$

$$\begin{vmatrix} -3 & -4 & -\frac{7}{4} \\ 5 & -3 & \frac{3}{2} \\ 1 & -3 & g(4) - 4 \end{vmatrix} = 0$$

$$1 \begin{vmatrix} -4 & -\frac{7}{4} \\ -3 & \frac{3}{2} \end{vmatrix} + 3 \begin{vmatrix} -3 & -\frac{7}{4} \\ 5 & \frac{3}{2} \end{vmatrix} + (g(4) - 4) \begin{vmatrix} -3 & -4 \\ 5 & -3 \end{vmatrix} = 0$$

$$-6 - \frac{21}{4} + 3 \left( -\frac{9}{2} + \frac{35}{4} \right) + (g(4) - 4) (5 + 20) = 0$$

$$-\frac{45}{4} + 3 \left( \frac{17}{4} \right) + 25 g(4) - 116 = 0$$

$$25 g(4) = 114,5 \quad g(4) = \frac{229}{58} \approx 3,95...$$