

XII/4

$$\pi \ni E, \pi \ni F, \pi \ni G$$

$$E = (0, 0, 0) \quad F = (1, 2, -3) \quad G = (-1, 3, 5)$$

$$\pi: Ax + By + (z + d) = 0$$

$$\left\{ \begin{array}{l} 0 + 0 + 0 + d = 0 \\ x + 2y + 3z + d = 0 \\ -x + 3y + d \end{array} \right.$$

$$\left\{ \begin{array}{l} 0 + 0 + 0 + d = 0 \\ A + 2B - 3(C + d) = 0 \\ -A + 3B + 5(C + d) = 0 \end{array} \right. \rightarrow \dots$$

$$4. \quad \vec{n} = \vec{EF} \times \vec{EG} = \dots \\ \parallel \\ (A, B, C)$$

