② $\Lambda_0 \in U_{\{1,2,3\}}$

$$\Lambda_0 = \begin{pmatrix} 1 & 0 & 0 & * & * & * & * & * & * \\ 0 & 1 & 0 & \cdot & \cdot & \cdot & \cdot & \cdot & \cdot \\ 0 & 0 & 1 & * & * & \cdots & & & * \end{pmatrix}$$

$\Lambda \in U_{\{1,2,3\}} \cap W$

$$\Rightarrow \Lambda = \begin{pmatrix} 1 & 0 & 0 & a_1, & a_2, & a_3, & a_4, & 0 & 0 \\ 0 & 1 & 0 & b_1, & b_2, & b_3, & b_4, & 0 & 0 \\ 0 & 0 & 1 & c_1, & c_2, & c_3, & c_4, & 0 & 0 \end{pmatrix}$$

$\{ a_1 b_2 = a_2 b_1,\ a_2 b_3 = a_3 b_2,\ a_4 b_3 = a_3 b_4$

$(a_1, a_2, \cdots b_4) \neq 0 \} \cap \{ a_3 b_4 = a_4 b_3,\ b_3 c_4 = b_4 c_3$

$(a_3, a_4, b_3, b_4, c_3, c_4) \neq 0 \}$

$\Rightarrow \Lambda_0 \in \{ a_1 b_2 = a_2 b_1,\ a_2 b_3 = a_3 b_2,\ a_4 b_3 = a_3 b_4 \} \cap$

$\{ a_3 b_4 = a_4 b_3,\ b_3 c_4 = b_4 c_3 \}$. //

We want to prove that.

$$\overline{W_{a_1 \cdots a_k}} = \{ \Lambda \in G(k,n) ;\ \dim(\Lambda \cap V_{b_i}) \geq i \}.$$

(i) $\overline{W} \subset \{ \Lambda \in G(k,n) ;\ \dim(\Lambda \cap V_{b_i}) \geq i \}$

For $\Lambda_0 \in \overline{W}$, assume that $\Lambda_0 \in U_J$ for some J.
If $\dim(\Lambda_0 \cap V_{b_i}) < i$ for some i, we can find a contradiction as follows.
Since $\dim(\Lambda_0 \cap V_{b_i}) < i$, the last $k \times (k + a_i - i)$ minor of a matrix representative of Λ_0 has rank $> k - i$.
Since $\Lambda_0 \in \overline{W}$, $\exists\ \Lambda \in U_J \cap W$ s.t Λ is very