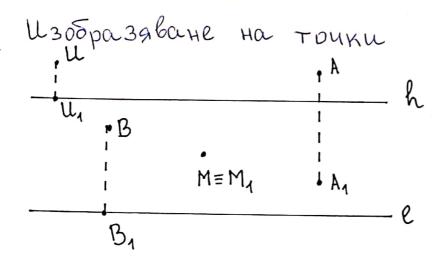


*
$$\Sigma'$$
 - предметна равнина
* TT - картинна равнина (проекционна) Σ' \bot TT
* S - Γ ледна точка, проекционен щентър
 $S \not = \Sigma'$, $S \not = TT$, S - крайна точка
* $S_0 = opt$. $np._T$ S
 S_0 - Γ лавна точка на картината
* $\ell = \Sigma'$ Γ T - ∞ нова на картината
* Hexa $\Sigma'_0 \begin{cases} Z S \\ || Z'_1 \end{cases} \Rightarrow h = \Sigma'_0 \Lambda T$

h- xopusont



*
$$\overline{A}$$
 - TOUKA om npæmpahembomo, kpaŭha $A = S\overline{A} \cap T$, A - nepenenmuba ha \overline{A} . \overline{A} $\overline{A}_1 = \text{opm. np. } \overline{A}$ $\overline{A}_1 = \text{opm. np. } \overline{A}$ $\overline{A}_1 = S\overline{A}_1 \cap T$, A_1 - \overline{B} mopuyha npoekyha Ha \overline{A} \overline{A}

$$* \overline{M}(M, M_1), \overline{M} Z \Sigma \leftarrow M = M_1$$

× × ×

III Изобразяване на права

$$\bar{a}$$
 - κ paŭha npaba $\bar{a} \cap Z' = \bar{M}$

$$\bar{a}_1 = opm. \, np._{\bar{L}}\bar{a} \Rightarrow \bar{a}_1 Z \bar{M}$$

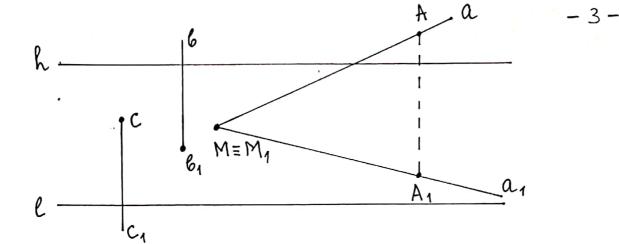
Hexa
$$\overline{J} = (S, \overline{a}), \quad \alpha = \overline{J} \cap \overline{T}$$

a-nepcnektuba Ha a

$$\overline{\mathcal{L}}_1 = (S, \overline{\alpha}_1)$$
, $\alpha_1 = \overline{\mathcal{L}}_1 \cap \overline{\pi}$

ал-вторична проекция на а

$$\overline{\alpha}(\alpha, \alpha_1)$$
 $\overline{\alpha} Z \overline{A}(A, \lambda_1) \Leftrightarrow \lambda Z \overline{A}(A,$

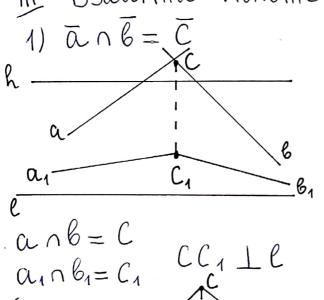


TIL B3aumhu nonothetug ha gbe npabu

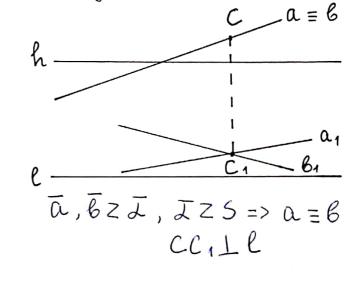
a,= 6,

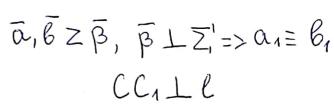
*

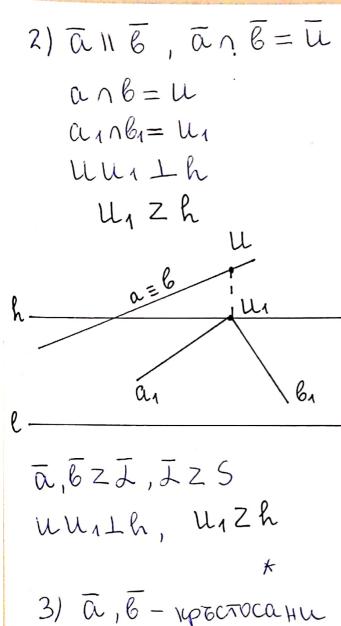
X

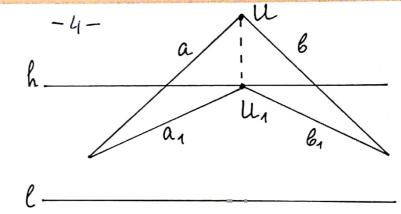


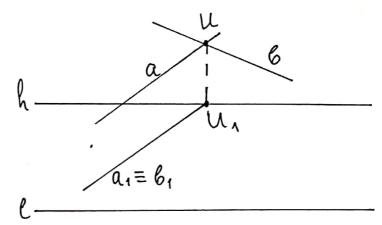
*

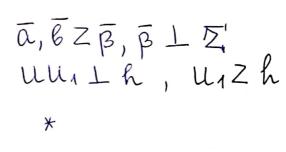


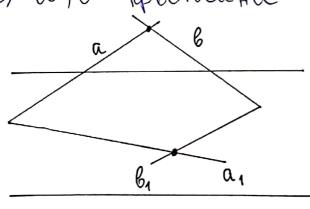


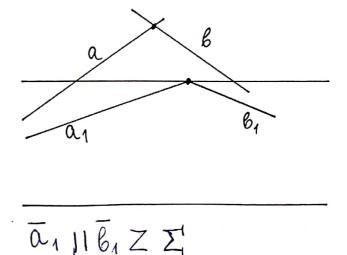












$$*M^{\overline{a}} = \overline{a} \cap \Sigma$$
, $M^{\overline{a}}(M^{\overline{a}}, M_1^{\overline{a}})$, $TO M^{\overline{a}} = M_1^{\overline{a}} = a \cap a_1$
 $\overline{a} \quad \overline{a}_1$

$$\star \overline{G}^{\overline{a}} = \overline{\alpha} \cap \overline{T}$$
, $\overline{G}^{\overline{a}}(G^{\overline{a}}, G_{1}^{\overline{a}})$, $\tau_{0} G_{1}^{\overline{a}} \geq \ell \Rightarrow G_{1}^{\overline{a}} = \ell \cap \alpha_{1}$
 $\downarrow_{0} \text{ NpoSog}$ $Z_{1} = Z_{1} = Z_{1}$

*
$$\overline{u}^{\overline{a}} = \overline{\alpha} \cap \Omega$$
, $\overline{u}^{\overline{a}}(\underline{u}^{\overline{a}}, \underline{u}^{\overline{a}})$, to $\underline{u}^{\overline{a}} \geq h \Rightarrow \underline{u}^{\overline{a}} = h \cap \alpha_1$

Ly $\overline{\delta}$ es repair Ha

Touka Ha \overline{a}

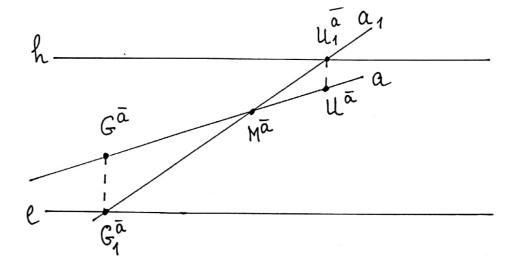
Touka Ha \overline{a}

Задача: В перспектива е дадена ā (a,a,) Да се изобразят стъпките на правата.

MOCMPOEHLE:

1)
$$M^{\overline{a}} \equiv M_1^{\overline{a}} = a \wedge a_1$$

$$2)G_1^{\overline{a}} = a_1 n \ell$$



/Задача: В перспектива са дадени ā(a,a) и Ā(A,A,1): ĀŽā. Да се изобрази в {ZĀ. Па. Мостроение:

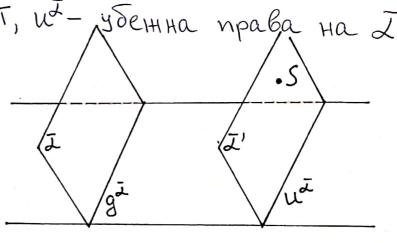
1)
$$u_1^{\overline{a}} = a_1 \cap h$$

3)
$$6_1$$
 $\begin{cases} z A_1 \\ z U_1 \end{cases}$

У Избразяване на равнина I-равнина

$$I \cap T = \overline{g}^{J}$$
, and $\overline{g}^{J}(g^{J}, g_{1}^{J})$, $\overline{g}^{J} = g^{J} \cup g_{1}^{J} = \ell$

$$J'\left\{ \frac{1}{2S} \right\} = \lambda U = J' \cap T, U - y \delta e H Ha npaba Ha J$$



VI Uниментност на трава и равнина azzz=> |Gazgz => |Gazgz, Gi=ainl uzzūz => |Uazūz, ui=ainh

/Задача: В перспектива са дадени $J I g^{J}, u^{J}, g^{J} I u^{J} u a_{I} - вторична проекция на <math>\bar{a}$. Да се построи aмерспектива на \bar{a} : $\bar{a} Z J$.

MOCTPOEHUE:

3)
$$U_1^{\overline{a}} = a_1 \cap h$$

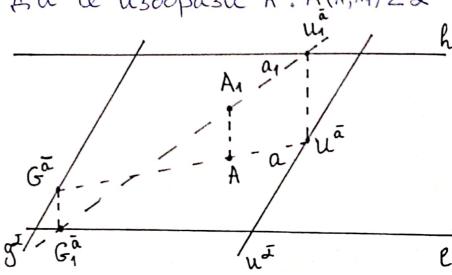
 $\frac{G^{\bar{a}}}{g^{\bar{a}}}$ $\frac{G^{\bar{a}}}{G^{\bar{a}}}$

VII Инцидентност на точка и равнина

13 agara: [I [g², u²]. Да се изобрази А: Ā(A, A,) Z I

MOCTPOEHUE:

- 1) a1 npouzbonha npaba npez T. A1
- 2) a or npegx. sagaya



VIII Y cnopeghu pabhuhu

$$\overline{L} \parallel \overline{B} \stackrel{?}{(=)} = \overline{u}^{\overline{B}} = \overline{L} \underbrace{L} \underbrace{g}^{\overline{L}}, \underline{u}^{\overline{L}} \underbrace{g}^{\overline{L}} = \overline{g}^{\overline{L}} \parallel g^{\overline{B}}, \underline{u}^{\overline{B}} \underbrace{g}^{\overline{L}} = \overline{g}^{\overline{L}} \parallel g^{\overline{B}}, \underline{u}^{\overline{B}} \underbrace{g}^{\overline{L}} = \overline{u}^{\overline{B}}$$

/3 agaya: Aagahu ca:
 $\overline{L} \underbrace{L} \underbrace{g}^{\overline{L}}, \underline{u}^{\overline{L}} \underbrace{l} u \xrightarrow{\overline{L}} = \overline{u}^{\overline{B}}$

/4 a ce u 30 opa su pabhuhata $\overline{B} \stackrel{?}{L} = \overline{L} = \overline{L}$

! Heodxoguna e nonougha npaba $\overline{B} \stackrel{?}{L} = \overline{L} = \overline{L}$

! Heodxoguna e nonougha npaba $\overline{B} \stackrel{?}{L} = \overline{L} = \overline{L}$

! Uge noctpoum $G^{\overline{B}}$. Toraba $g^{\overline{B}} \stackrel{?}{L} = \overline{L} = \overline{L}$

**Nocmpoenue:

1) Uso. $u^{\overline{B}} \stackrel{?}{L} = \overline{L} = \overline{L}$

2) $u^{\overline{B}} \stackrel{?}{L} = \overline{L} = \overline{L}$

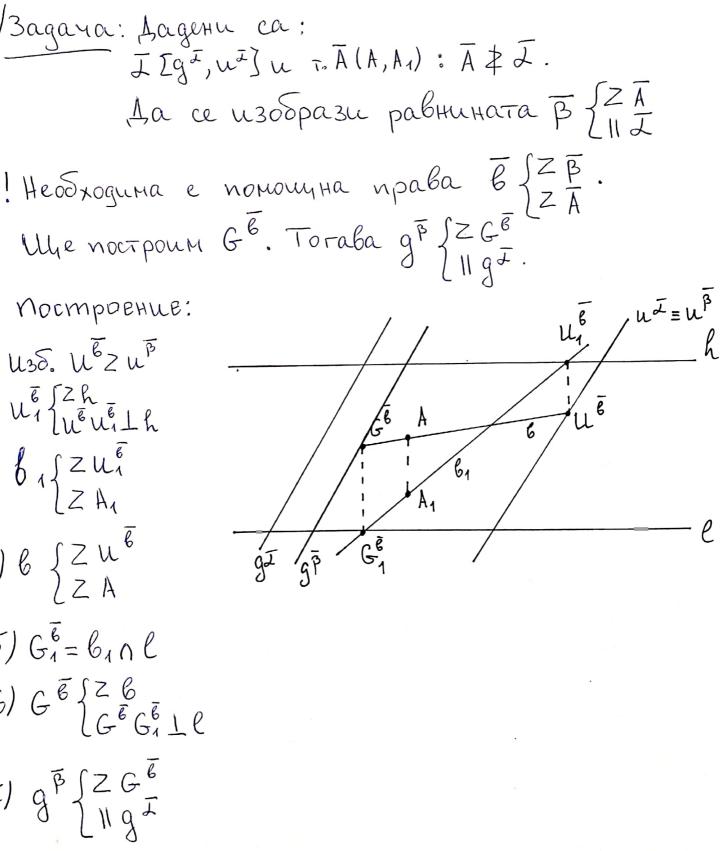
3) $b_{1} \stackrel{?}{L} = \overline{L} = \overline{L}$

4) $b_{1} \stackrel{?}{L} = \overline{L} = \overline{L}$

4) $b_{1} \stackrel{?}{L} = \overline{L} = \overline{L}$

4) $b_{1} \stackrel{?}{L} = \overline{L} = \overline{L}$

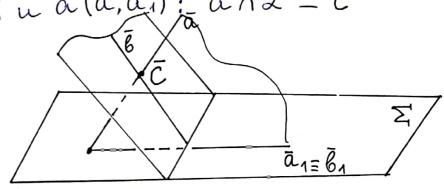
5) G= 6,0 C 7) g B { Z G B | 11 g I



ТХ пробод на права и равнина

/Задача: В перспектива са дадени $ZIg^{Z}, u^{Z}Ju \overline{a}(a,a_{1}): \overline{a} \overline{n} \overline{J} = \overline{C}$

Aa ce μ3οδραзи <u>C</u>(C,C₁)



Mrah:

Nacmpoehue:

1)
$$G_1^{\overline{a}} = \alpha \wedge R$$

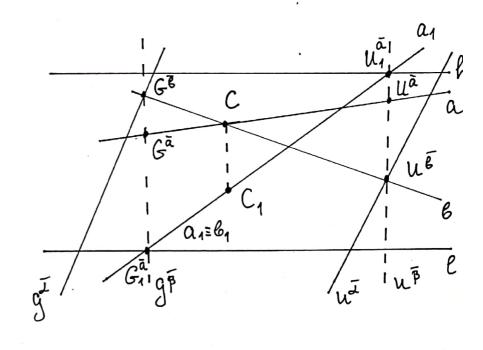
$$G_1^{\overline{a}} = \alpha \wedge R$$

$$G_1^{\overline{a}} = \alpha \wedge R$$

$$G_2^{\overline{a}} = \alpha \wedge R$$

2)
$$u_1^{\bar{a}} = a_1 n h$$

 $u_{\bar{a}} \{ z_{\bar{a}} \}$
 $u_{\bar{a}} \{ u_{\bar{a}} \} L h$



8)
$$C = a n b$$

$$C_1 \begin{cases} Z a_1 \\ CC_1 \perp \ell \end{cases}$$