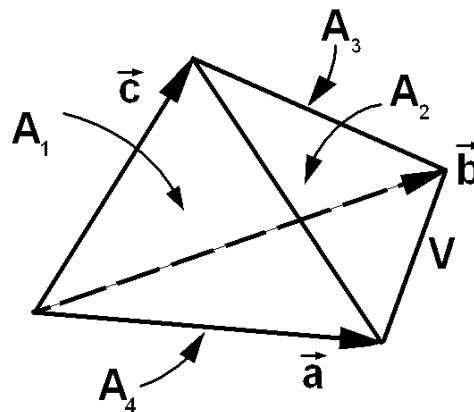


Übungen in AlgGeo  $\diamond$  Exercices en AlgGéo  $\diamond$  T. B1  $\diamond$  II / 4

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**Probl. 1**  $\vec{a} = \begin{pmatrix} 1 \\ 2 \\ -1 \end{pmatrix}$ ,  $\vec{b} = \begin{pmatrix} -2 \\ 4 \\ 3 \end{pmatrix}$ ,  $\vec{c} = \begin{pmatrix} 0 \\ 1 \\ 5 \end{pmatrix}$   
 $A_1 + A_2 + A_3 + A_4 = ?$   
 $V = ?$



**Probl. 2**  $g_1 : \vec{r} = \begin{pmatrix} 1 \\ 2 \\ -1 \end{pmatrix} + t \begin{pmatrix} -2 \\ 4 \\ 3 \end{pmatrix}$   
 $g_2 : \vec{r} = \begin{pmatrix} 5 \\ -3 \\ 6 \end{pmatrix} + t \begin{pmatrix} 0 \\ 1 \\ 5 \end{pmatrix}$   
 $d_{min} = ?$

