Zadata k 3

$$x'=7\frac{12}{5} + \frac{5}{12}$$
 $y'=70+0$
 $z'=7-\frac{12}{5} + \frac{12}{5}$
 $z'=7-\frac{12}{5} + \frac{12}{5}$

$$0 = (5, 0, -\frac{3}{3}) = 2 \times =$$

Dokaz da nisa paralelai:

$$\vec{\nabla}_{A} = \vec{D} - \vec{C}' = \left(\frac{3}{2}, 0, -\frac{2}{3}\right) - \left(\frac{5}{42}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{5}{42}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{5}{42}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{5}{42}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{3}{12}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{3}{12}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{3}{12}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{3}{12}, 0, -\frac{12}{5}\right) = \left(\frac{13}{12}, 0, -\frac{26}{15}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{3}{12}, 0, -\frac{25}{12}\right) = \left(\frac{13}{12}, 0, -\frac{26}{12}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{3}{12}, 0, -\frac{25}{12}\right) = \left(\frac{13}{12}, 0, -\frac{26}{12}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{2}{3}\right) - \left(\frac{3}{12}, 0, -\frac{25}{12}\right) = \left(\frac{13}{12}, 0, -\frac{26}{12}\right), \quad |\vec{\nabla}_{A}| = \vec{\nabla}_{A} = \left(\frac{3}{12}, 0, -\frac{25}{12}\right) + \left(\frac{3}{12}, 0, -\frac{25}{12}\right) + \left(\frac{3}{12}, 0, -\frac{25}{12}\right) = \left(\frac{3}{12}, 0, -\frac{25}{12}\right) + \left(\frac{3}{12}, 0, -\frac{25}{1$$

Mozemo vidjeti jesu la prava tj. vektori paralela + 1. provjerim je li kut među njima jednak 00: | | v_1 | | | v_2 | | = v_1 · v_2

11211-11211=2,05.7,2=14,7

$$V_{0}$$
, $V_{1} = \begin{pmatrix} 13 \\ 12 \end{pmatrix} 0, \frac{26}{15} \end{pmatrix} \cdot \begin{pmatrix} 6,0,4 \end{pmatrix} = \frac{13}{2} + 0 + \frac{104}{15} = 13,43$

da veletor, nien paraldin

