

| Sida | Rad      | Står   | Ska vara  |
|------|----------|--|---|
| 34   | 6        | $\ \mathbf{v}\ ^2 = \mathbf{v} \cdot \mathbf{v}$   | $\ \mathbf{u}\ ^2 = \mathbf{u} \cdot \mathbf{u}$  |
| 45   | -2       | $\begin{pmatrix} 1 \\ 3 \\ 2 \end{pmatrix} - 2 \frac{\mathbf{v} \cdot \mathbf{n}}{\mathbf{n} \cdot \mathbf{n}} \mathbf{n}$   | $\begin{pmatrix} 1 \\ 3 \\ 2 \end{pmatrix} - \frac{\mathbf{v} \cdot \mathbf{n}}{\mathbf{n} \cdot \mathbf{n}} \mathbf{n}$  |
| 45   | -2       | $\begin{pmatrix} 1 \\ 3 \\ 2 \end{pmatrix} - \frac{2 \cdot 8}{13} \begin{pmatrix} 2 \\ 0 \\ 3 \end{pmatrix} = \frac{1}{13} \begin{pmatrix} -19 \\ 39 \\ -22 \end{pmatrix}$ | $\begin{pmatrix} 1 \\ 3 \\ 2 \end{pmatrix} - \frac{8}{13} \begin{pmatrix} 2 \\ 0 \\ 3 \end{pmatrix} = \frac{1}{13} \begin{pmatrix} -3 \\ 39 \\ 2 \end{pmatrix}$ |
| 113  | -2       | $\begin{pmatrix} 2 \\ 3 \end{pmatrix} 4$   | $\begin{pmatrix} 2 \\ 3 \\ 4 \end{pmatrix}$   |
| 177  | 4        | $\begin{cases} \left(\frac{x}{r_1}\right)^2 + \left(\frac{x}{s_1}\right)^2 = 1 \\ \left(\frac{x}{r_2}\right)^2 + \left(\frac{x}{s_2}\right)^2 = 1 \end{cases}$             | $\begin{cases} \left(\frac{x}{r_1}\right)^2 + \left(\frac{y}{s_1}\right)^2 = 1 \\ \left(\frac{x}{r_2}\right)^2 + \left(\frac{y}{s_2}\right)^2 = 1 \end{cases}$  |
| 277  | -1       | $-x + 1 = 0$   | $x - z + 3 = 0$   |
| 279  | -3       | $A^t = A$  | $A^t = \begin{pmatrix} 1 & 4 \\ -5 & 3 \end{pmatrix}$   |
| 279  | -3       | $D^t = D$  | $D^t = \begin{pmatrix} -4 & -2 & 0 \\ 5 & 3 & 9 \\ 6 & 1 & 3 \end{pmatrix}$   |
| 279  | -2       | $A$ och $D$  | Inga  |
| 279  | -1       | $B^t A^t = \begin{pmatrix} -18 & 2 \\ -7 & 13 \end{pmatrix}$   | $B^t A^t = \begin{pmatrix} -18 & 20 \\ -7 & -5 \end{pmatrix}$   |
| 279  | -1       | $A^t B^t = \begin{pmatrix} 12 & -1 \\ -16 & -17 \end{pmatrix}$   | $A^t B^t = \begin{pmatrix} -6 & 8 \\ -16 & -17 \end{pmatrix}$   |
| 284  | uppg 5.3 | $\mathbf{b} = 342$   | $\mathbf{b} = \begin{pmatrix} 3 \\ 4 \\ 2 \end{pmatrix}$  |
| 284  | uppg 5.7 | $\mathbf{x} = s \begin{pmatrix} -1 \\ -7/2 \\ -1 \\ 1 \\ 0 \end{pmatrix} + t \begin{pmatrix} 0 \\ 13/3 \\ 4/3 \\ 0 \\ 1 \end{pmatrix}$                                     | $\mathbf{x} = s \begin{pmatrix} -1 \\ 3/2 \\ -1 \\ 1 \\ 0 \end{pmatrix} + t \begin{pmatrix} 0 \\ -5/3 \\ 4/3 \\ 0 \\ 1 \end{pmatrix}$                           |
| 287  | 1        | $\mathbf{v}_1 + b\mathbf{v}_2$   | $a\mathbf{v}_1 + b\mathbf{v}_2$   |