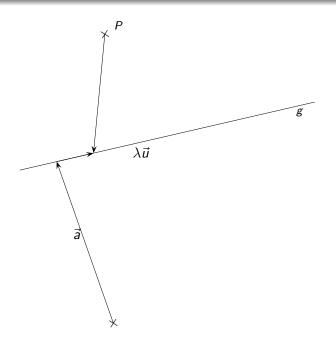
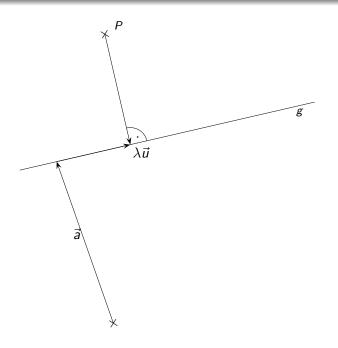
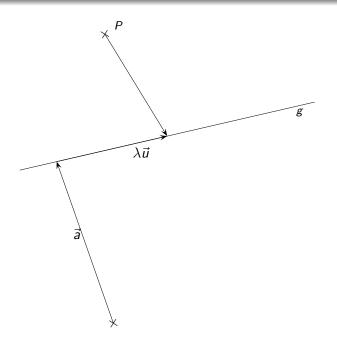
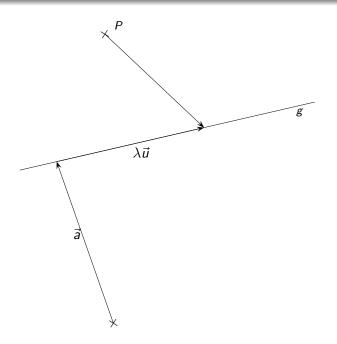
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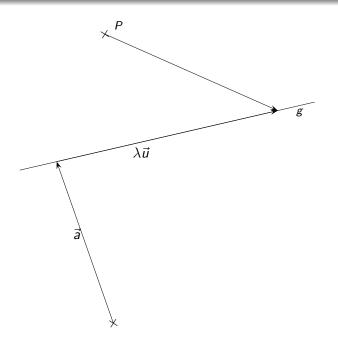
G.Roolfs

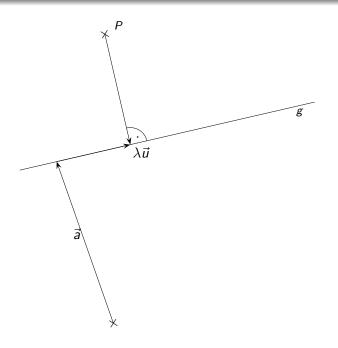


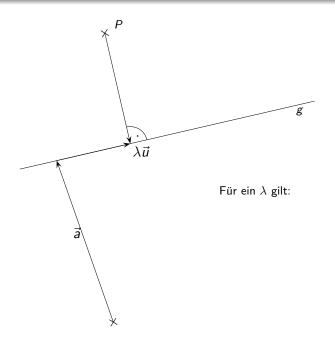


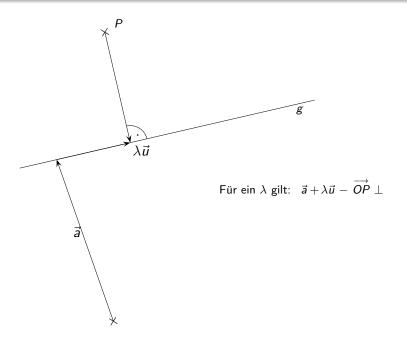


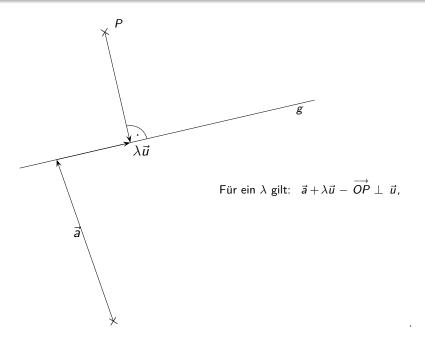


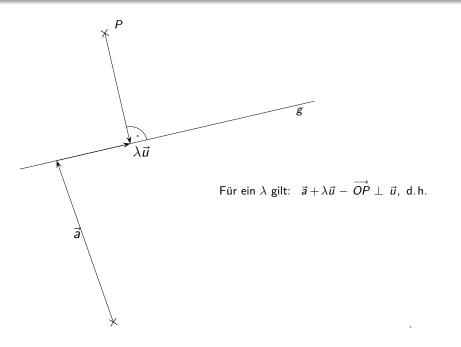


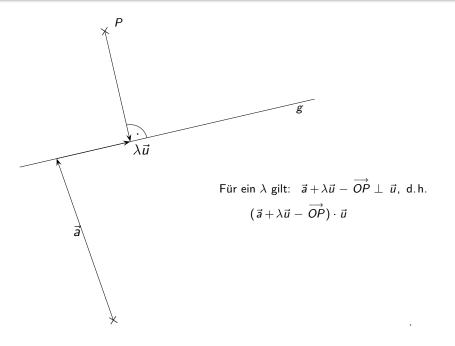


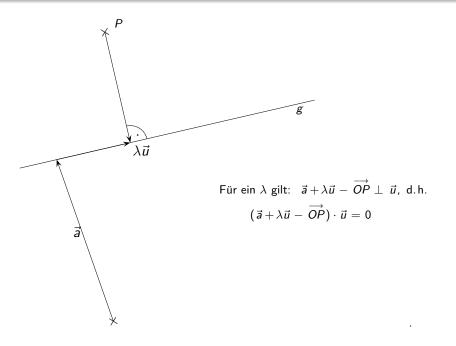


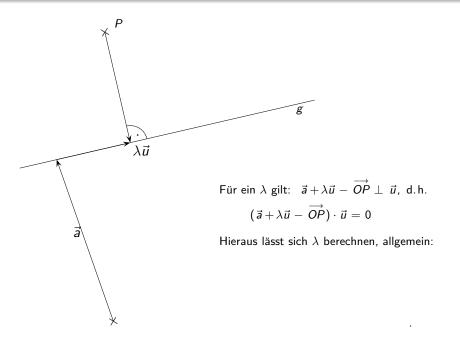


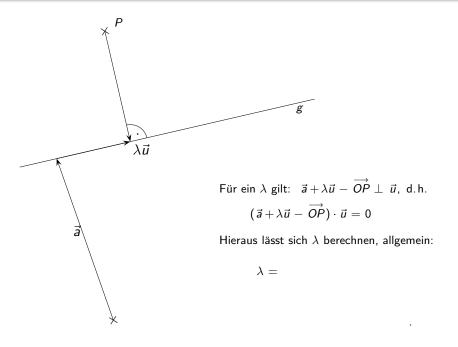


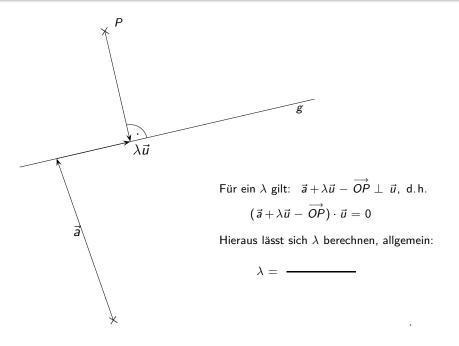


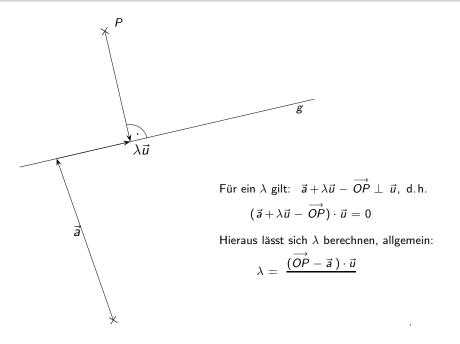


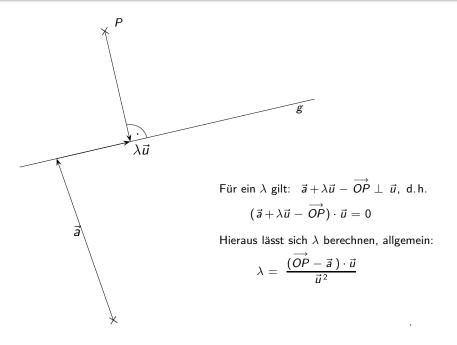


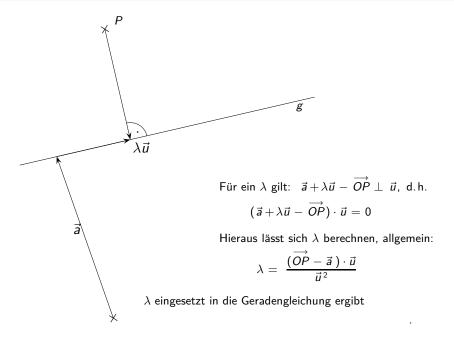


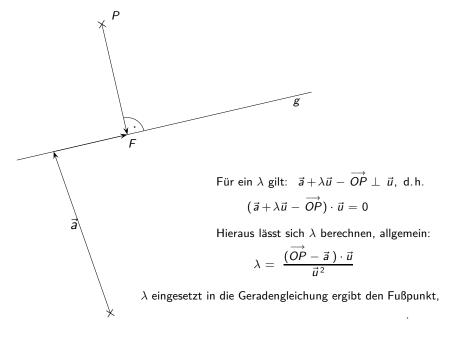


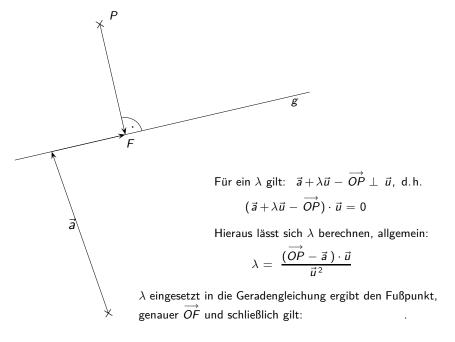


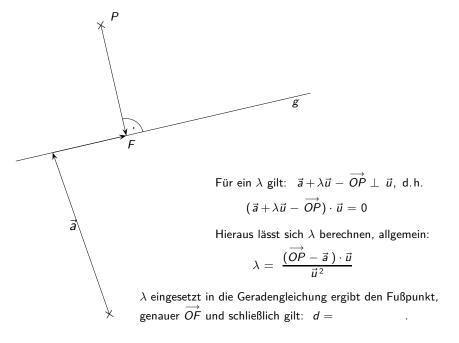


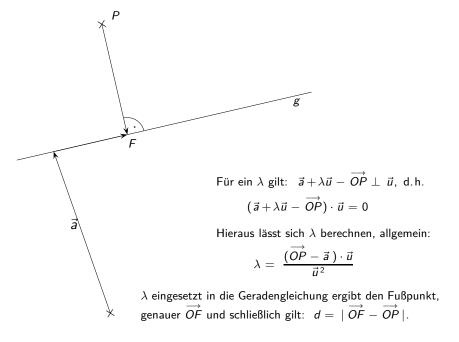




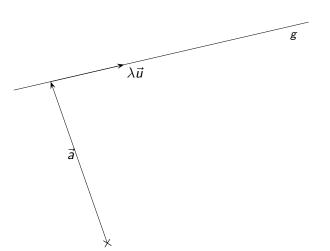




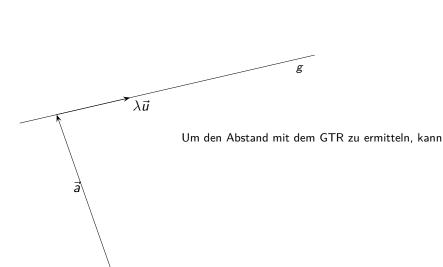


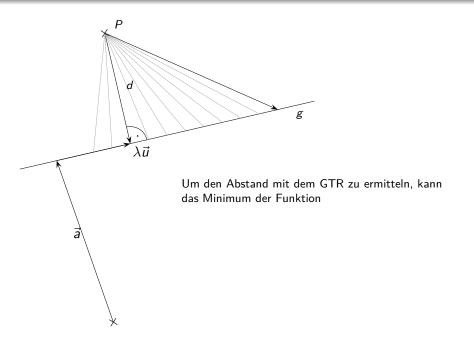


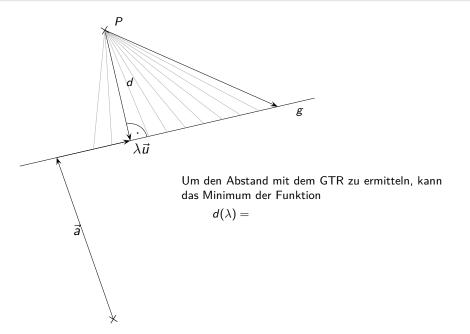
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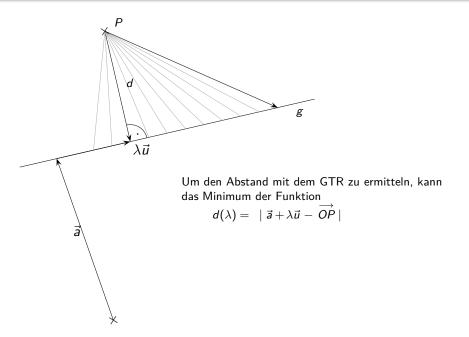


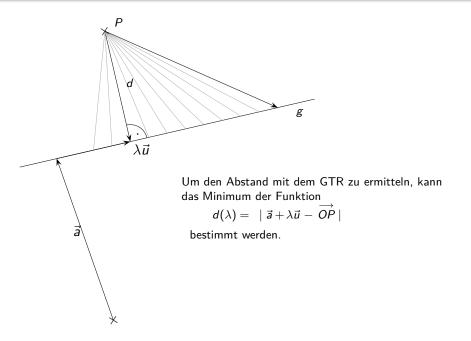


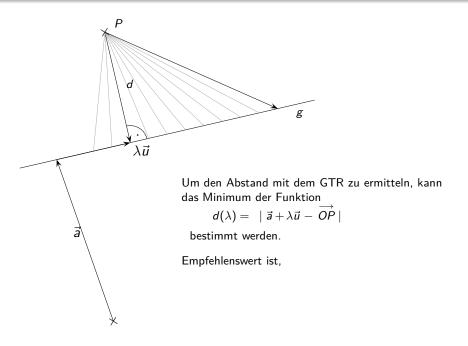


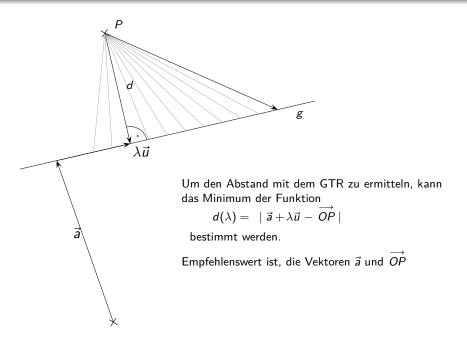


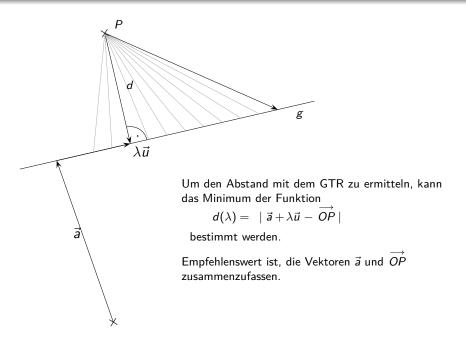


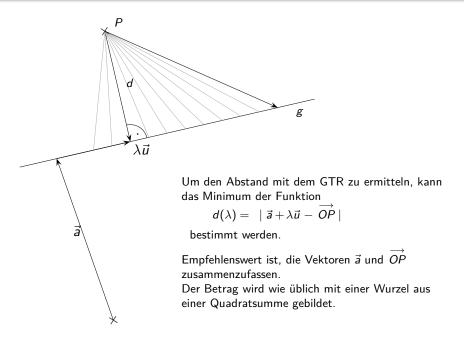












a)
$$P(0 \mid 0 \mid 20)$$
 $g: \vec{x} = \begin{pmatrix} 30 \\ 0 \\ 0 \end{pmatrix} + \lambda \begin{pmatrix} -30 \\ 10 \\ 0 \end{pmatrix}$

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Lösungen:

a)
$$F(3 | 9 | 0)$$
, $\lambda = \frac{9}{10}$, $d = 7\sqrt{10}$

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b)
$$P(5 \mid 5 \mid 10)$$
 $g: \vec{x} = \begin{pmatrix} 30 \\ 5 \\ 0 \end{pmatrix} + \lambda \begin{pmatrix} 2 \\ 0 \\ 1 \end{pmatrix}$

Lösungen:

a)
$$F(3 | 9 | 0)$$
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 $g: \vec{x} = \begin{pmatrix} 30 \\ 5 \\ 0 \end{pmatrix} + \lambda \begin{pmatrix} 2 \\ 0 \\ 1 \end{pmatrix}$

Lösungen:

a)
$$F(3 | 9 | 0)$$
, $\lambda = \frac{9}{10}$, $d = 7\sqrt{10}$

b)
$$F(14 | 5 | -8)$$
, $\lambda = -8$, $d = 9\sqrt{5}$