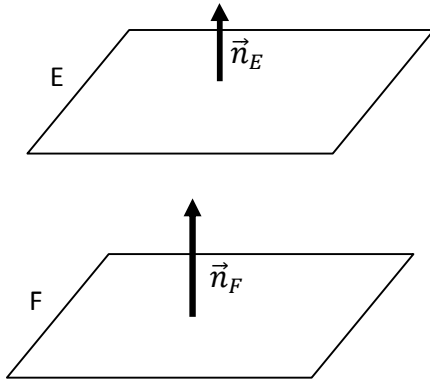


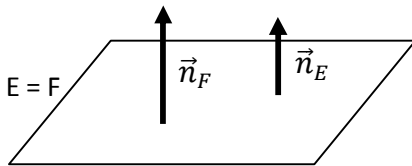
Lage von Ebenen zueinander

$$E: a_E x_1 + b_E x_2 + c_E x_3 + d_E = 0 \implies \vec{n}_E = \begin{pmatrix} a_E \\ b_E \\ c_E \end{pmatrix}; \quad F: a_F x_1 + b_F x_2 + c_F x_3 + d_F = 0 \implies \vec{n}_F = \begin{pmatrix} a_F \\ b_F \\ c_F \end{pmatrix}$$

1) (echt) parallel:



2) identisch:



3) schneiden sich:

