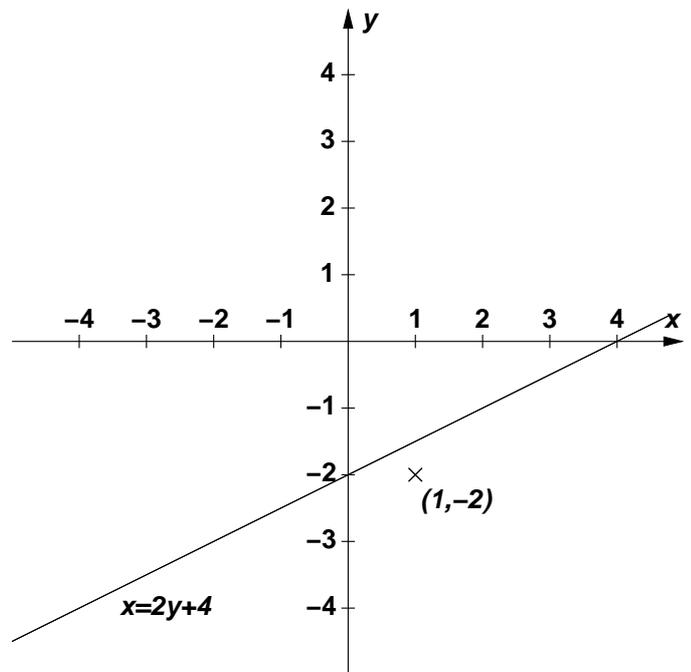
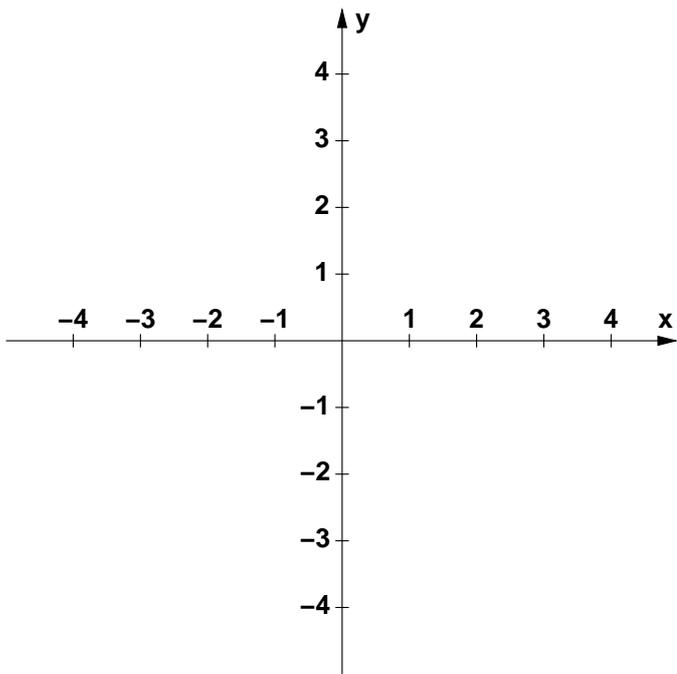


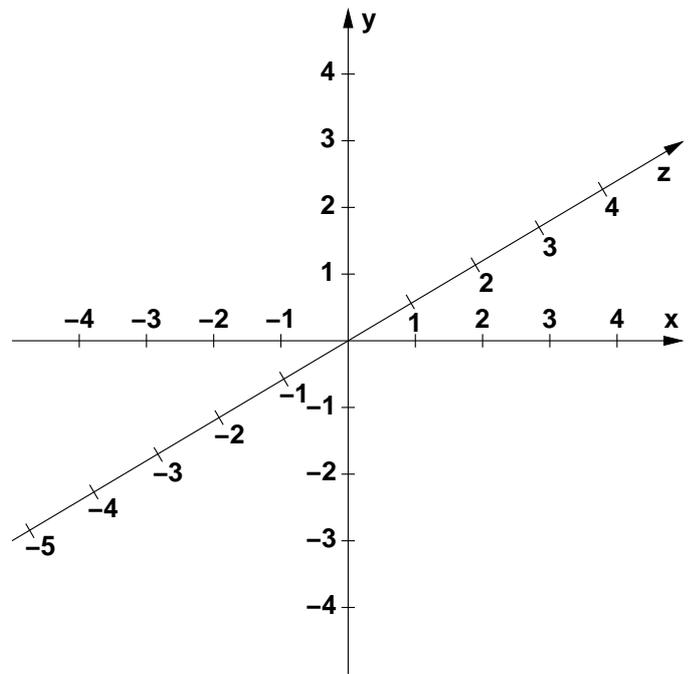
Grafische Veranschaulichung von Lösungsmengen



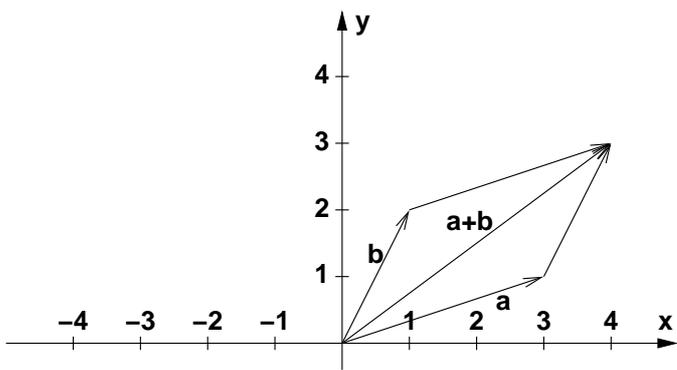
2-dimensionales Koordinatensystem



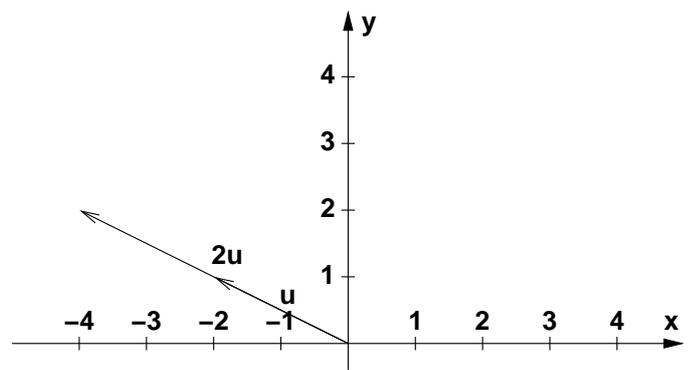
3-dimensionales Koordinatensystem



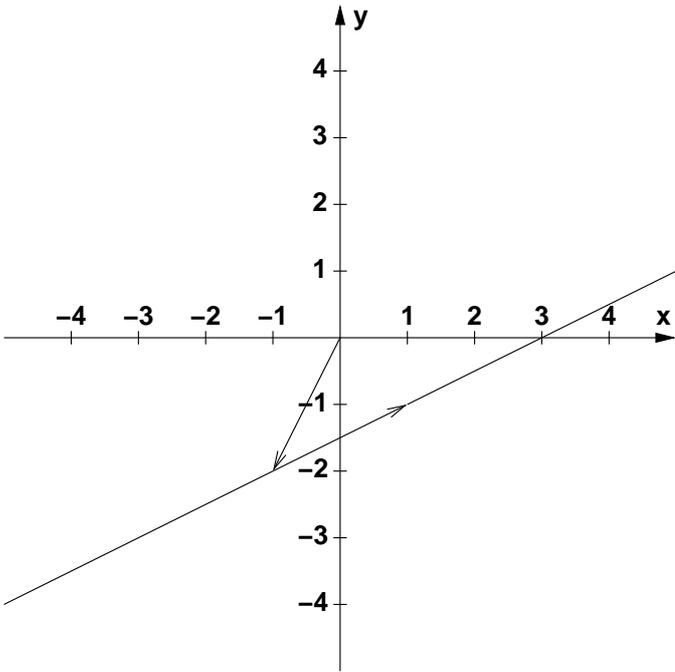
Addition von Vektoren



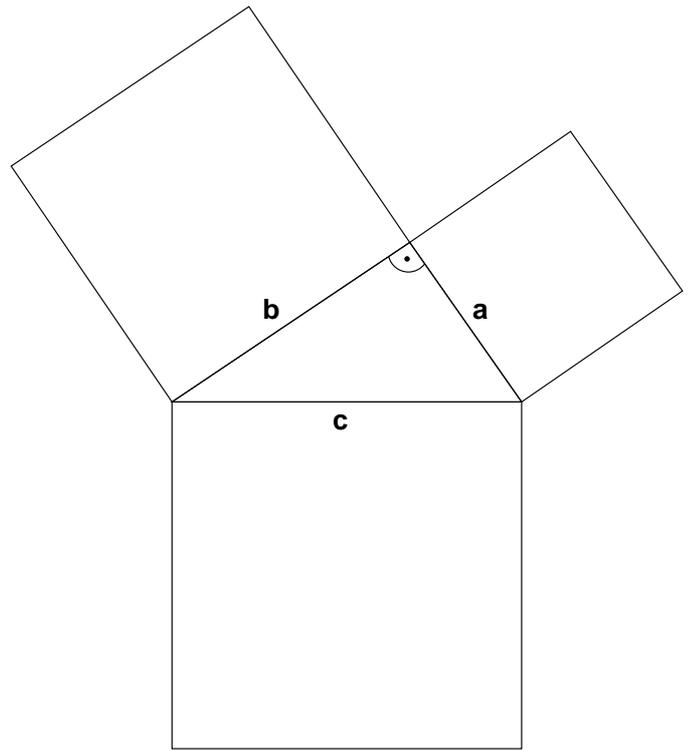
Vielfache von Vektoren



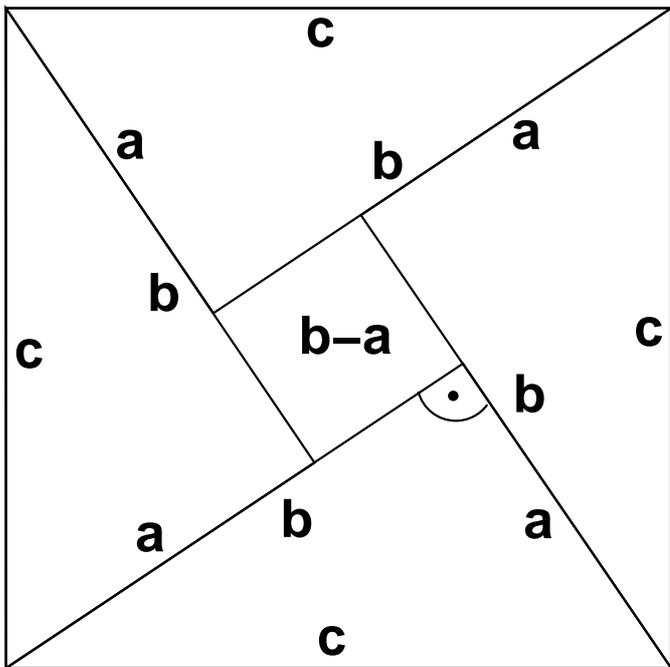
Gerade in Parameterform



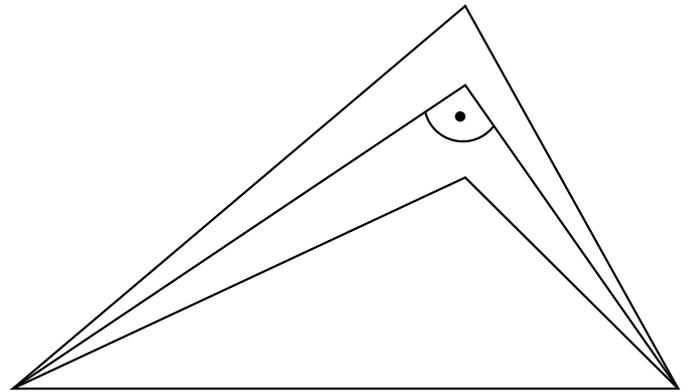
Satz des Pythagoras



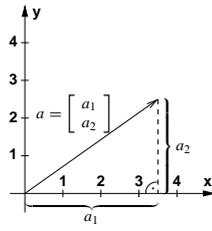
Beweis für Satz des Pythagoras



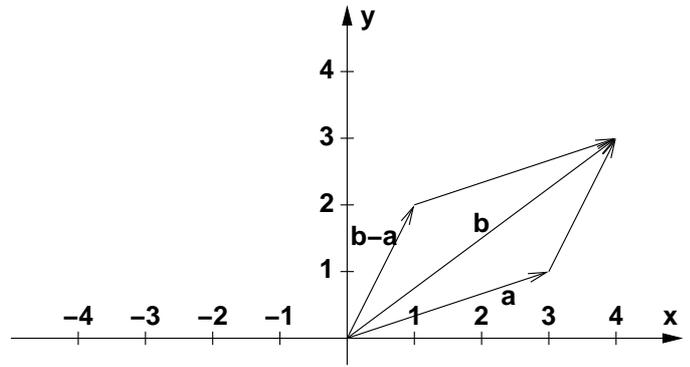
Beweis für die Umkehrung des Satzes des Pythagoras



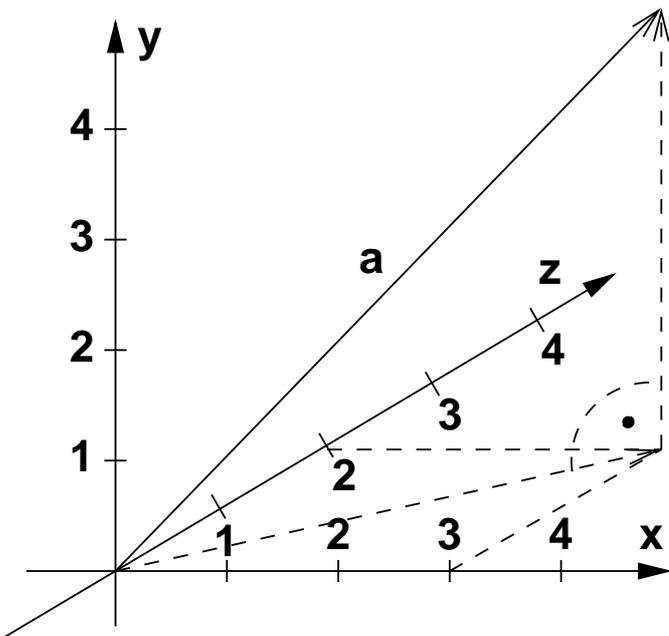
Länge von Vektoren



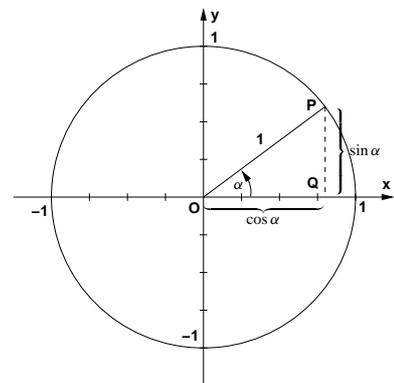
Abstand von Punkten in der Ebene



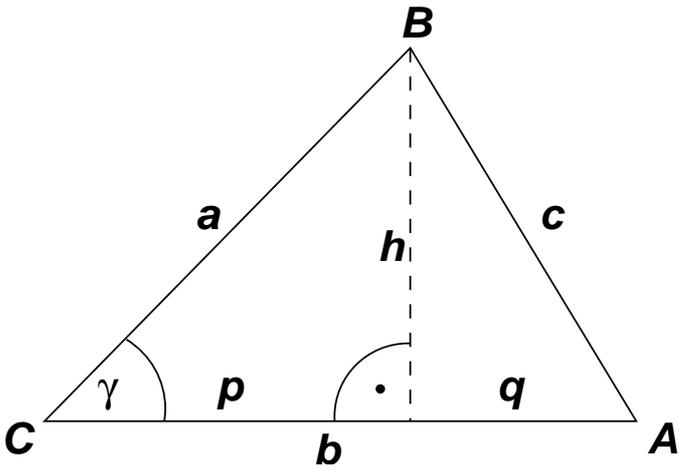
Länge von Vektoren im Raum



Sinus und Cosinus

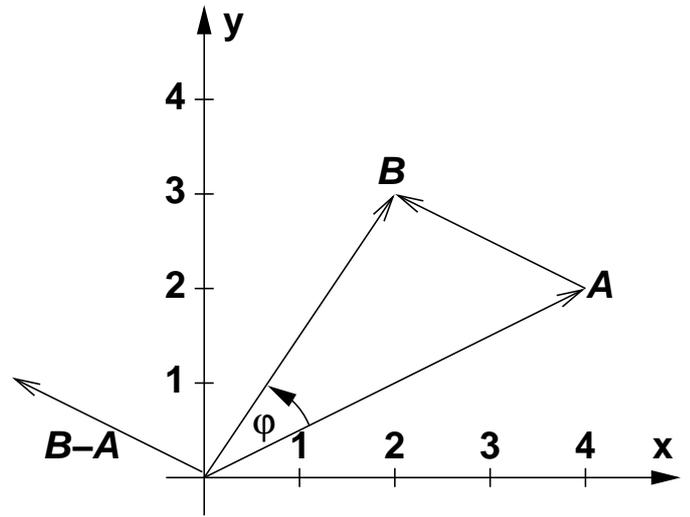


Cosinussatz

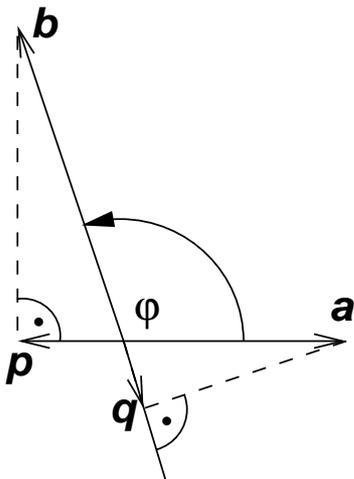
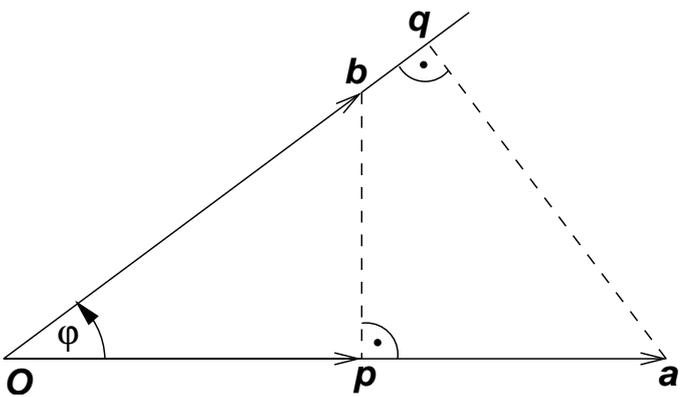


$$c^2 = a^2 + b^2 - 2 \cdot a \cdot b \cdot \cos \gamma$$

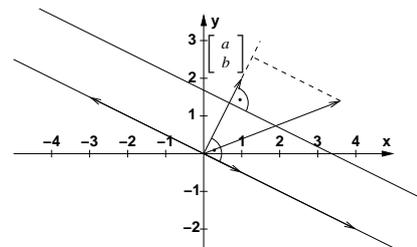
Länge der Differenz zweier Vektoren



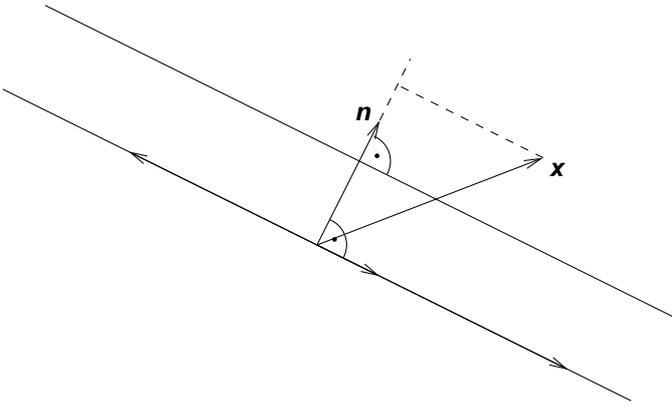
Geometrische Interpretation des Skalarprodukts



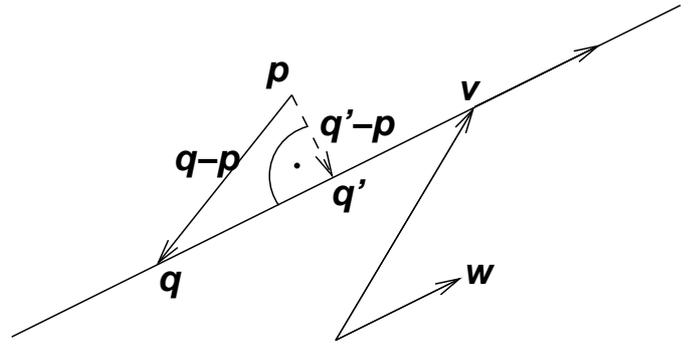
Normalenform einer Geraden in der Ebene



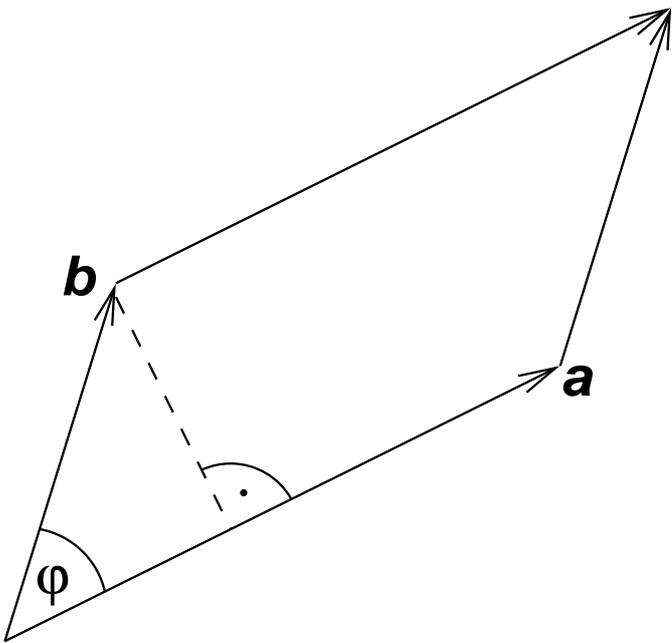
Normalenform einer Ebene im Raum



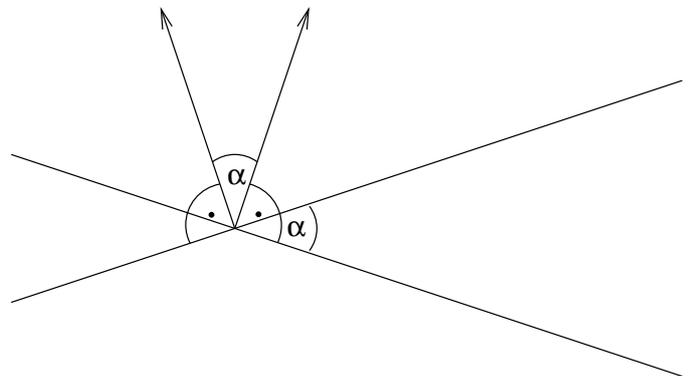
Kürzeste Entfernung von Punkt zu Gerade



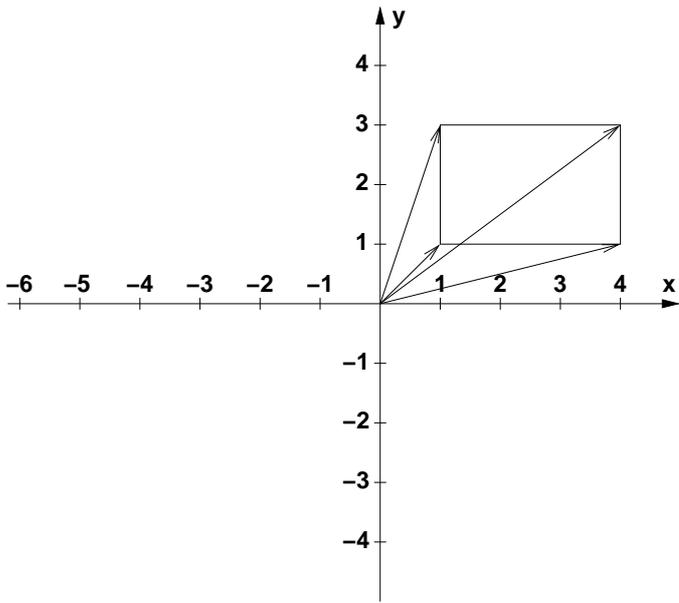
Kreuzprodukt



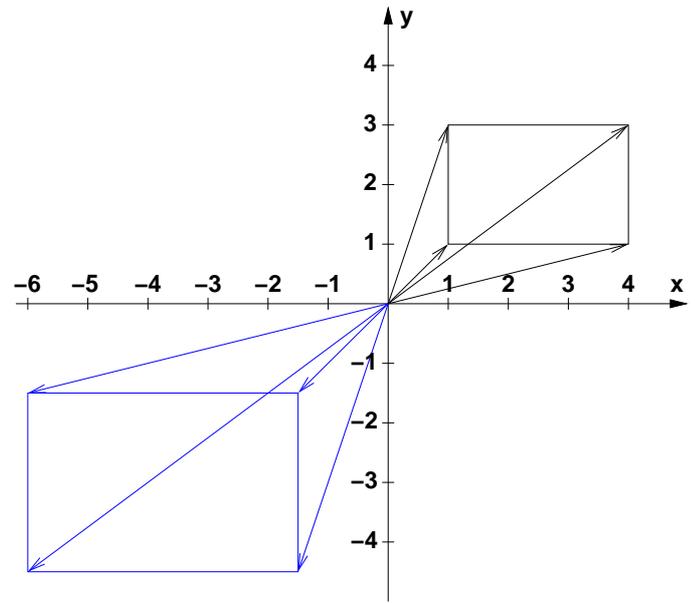
Winkel zwischen Geraden/Ebenen



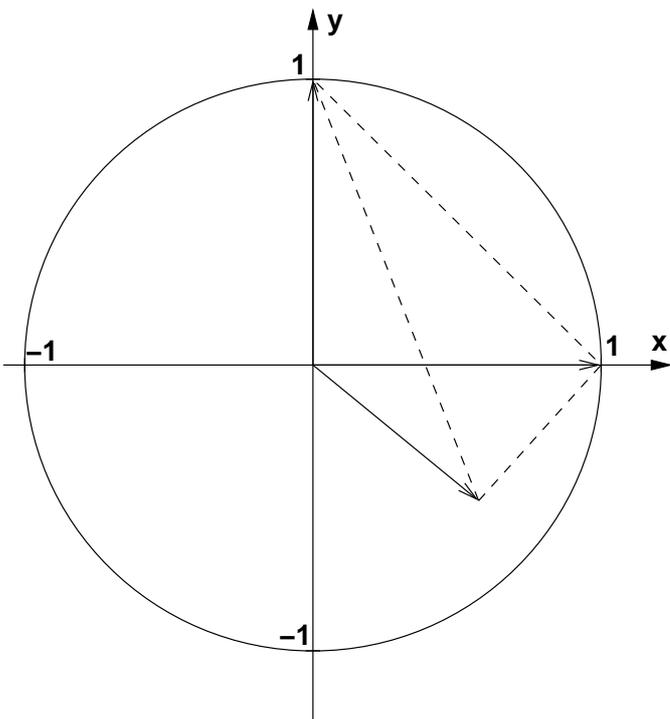
Zentrische Streckung



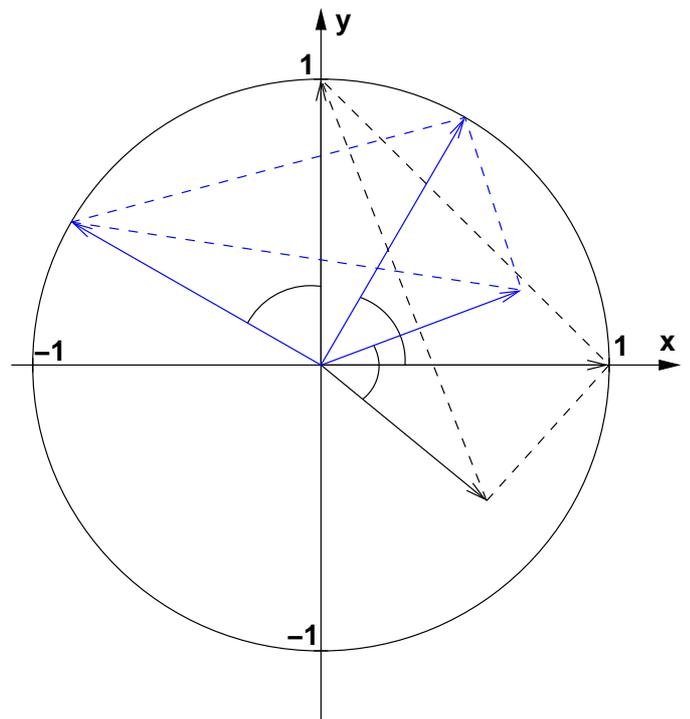
Zentrische Streckung



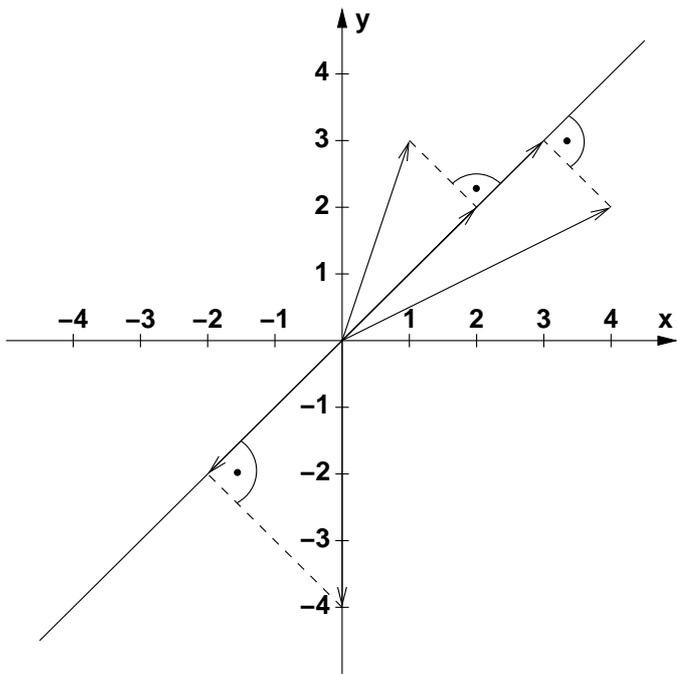
Drehung



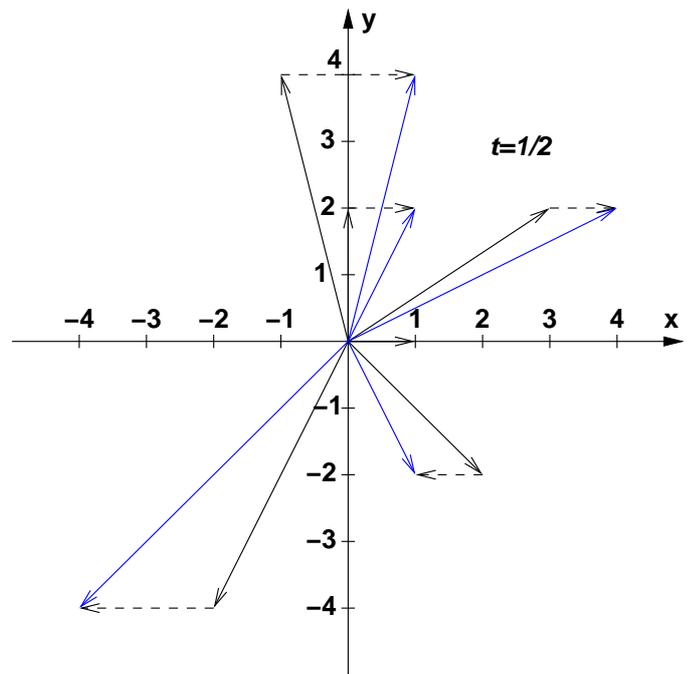
Drehung



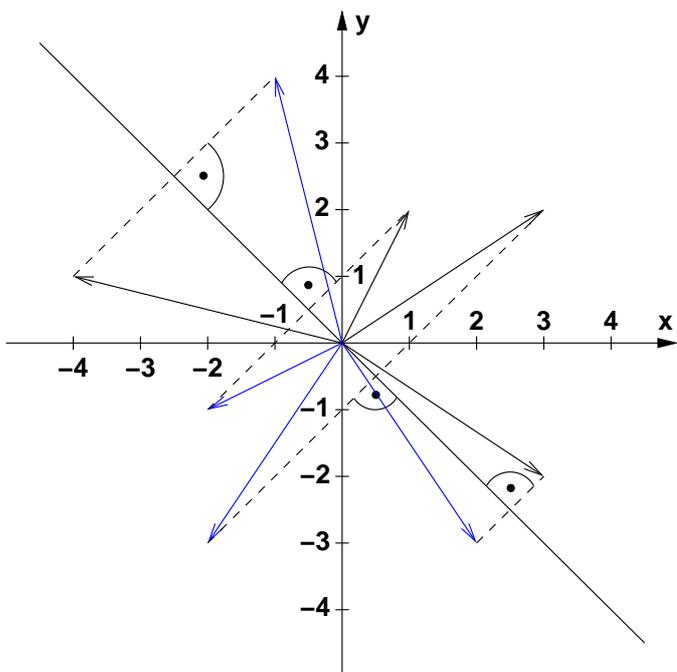
Projektion



Scherung



Achsenspiegelung



Alle Dreiecke sind gleichseitig!

