Mathemathik einer Physik Engine

Angular Speed
Origin and Center of Mass

Euler Angles Axis-Angle Rotation Matrices Quaternions

Velocity of a Point Angular Acceleration

The Matrix Classes
Matrix Multiplication
Matrix Inverse and Transpose
Converting a Quaternion to a Matrix
Transforming Vectors
Changing the Basis of a Matrix
Normalizing Quaternions
Combining Quaternions
Rotating
Updating by the Angular Velocity

(Thomas Dorner, 26.11.18)