Notes of Mango CT package

1. Coordinate system:



The coordinate system used in the code is shown in the above figure. The positive direction of the u-axis is by rotating the vector connecting the origin and the source 90 degrees clockwise.

1. If p matrix is applied, the u and v are solely determined by the pmatrix instead of the beta. Beta is used to calculate the integral interval and . The pmatrix has to be consistent with the angles other wise the weight will have some problems.