

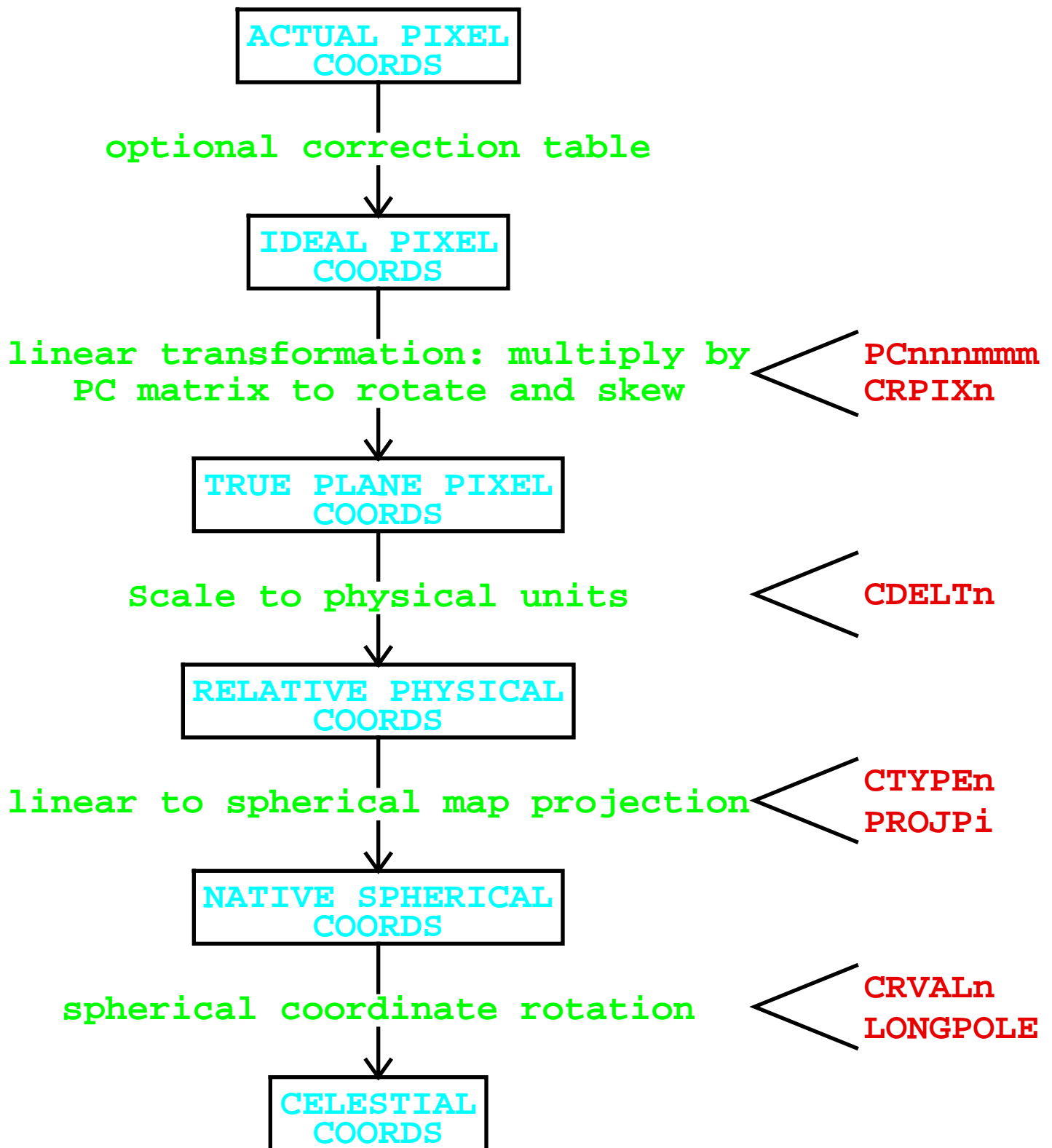
Eric W. Greisen

National Radio Astronomy Observatory

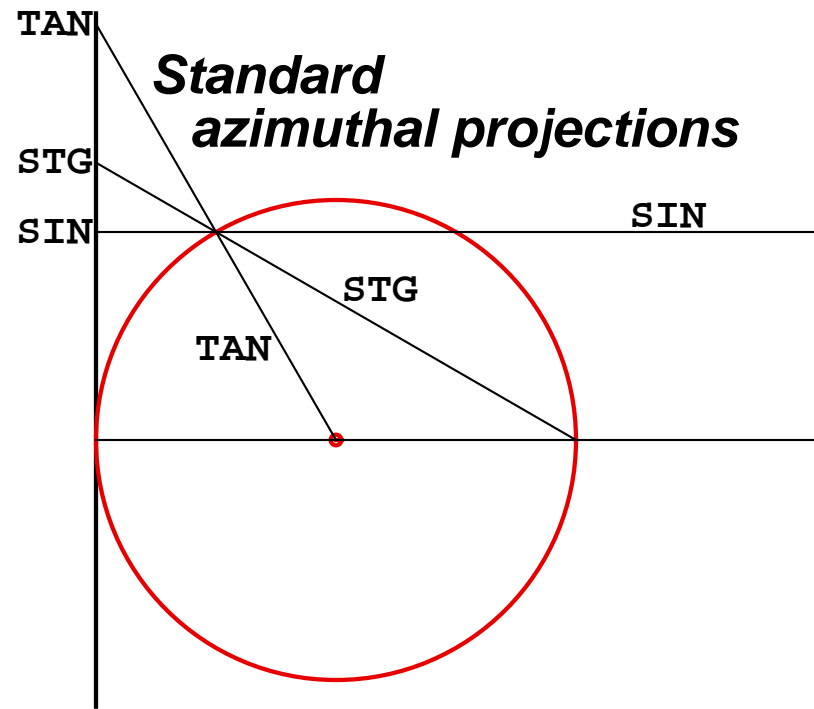
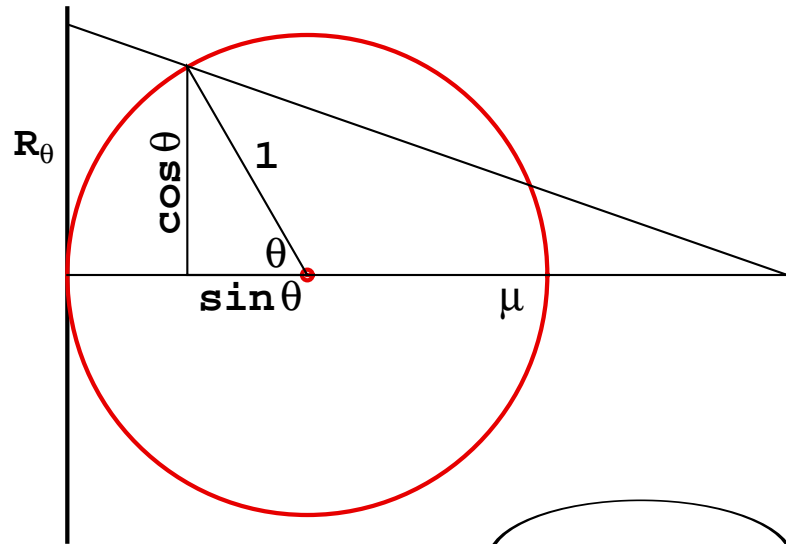
Mark Calabretta

Australia Telescope National Facility

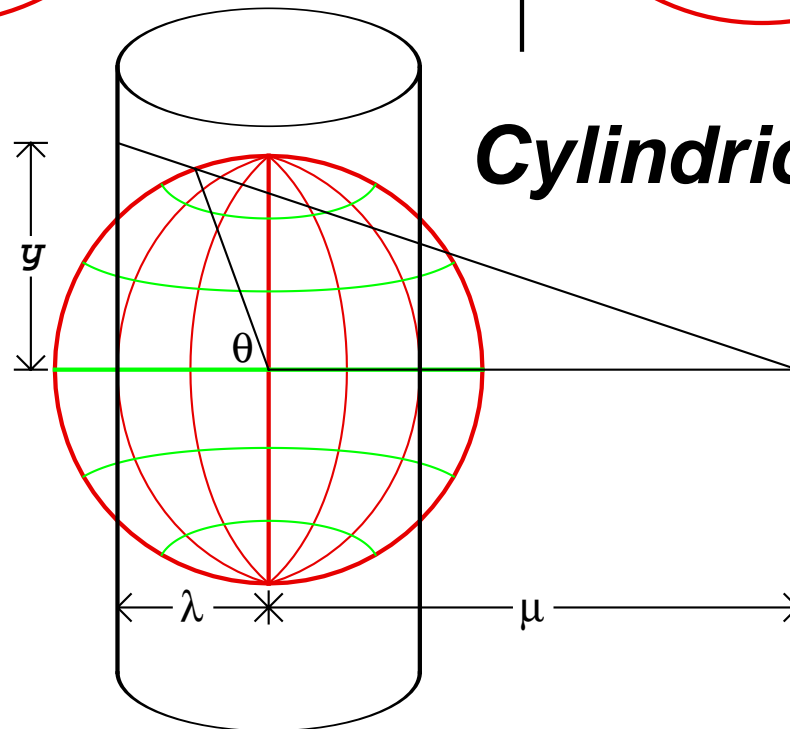
Conversion of Pixels to Coordinates



Azimuthal projection

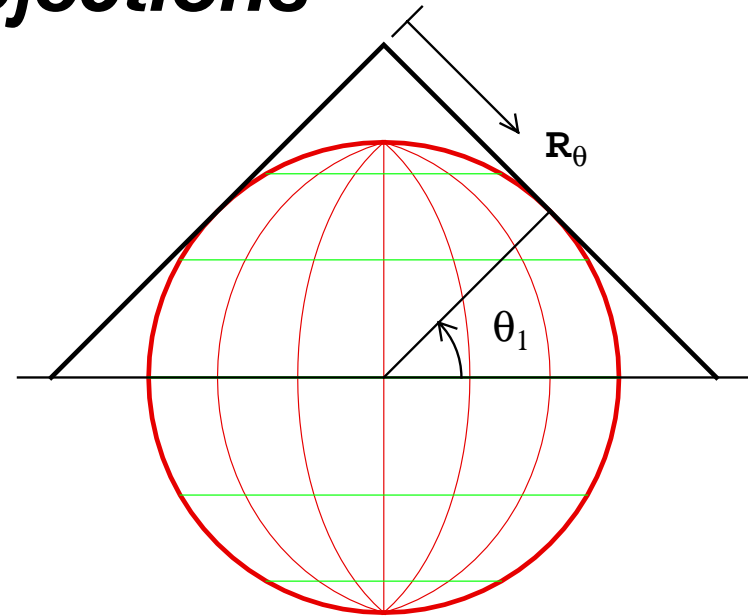
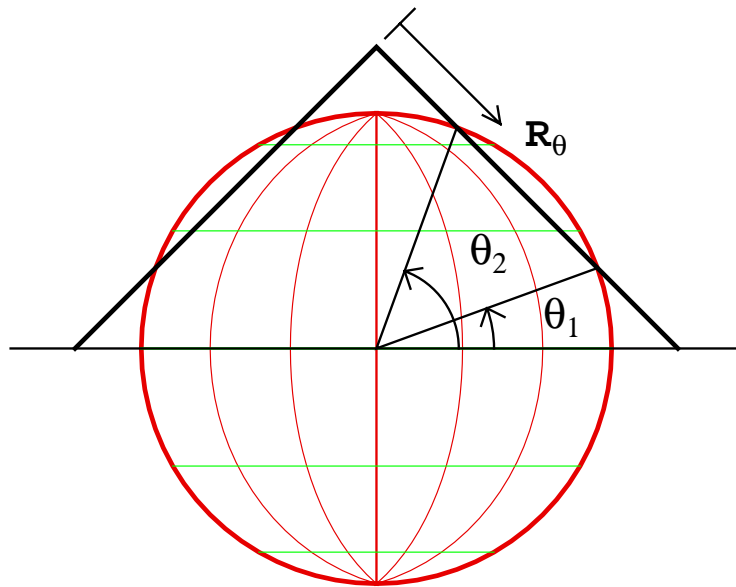


***Standard
azimuthal projections***

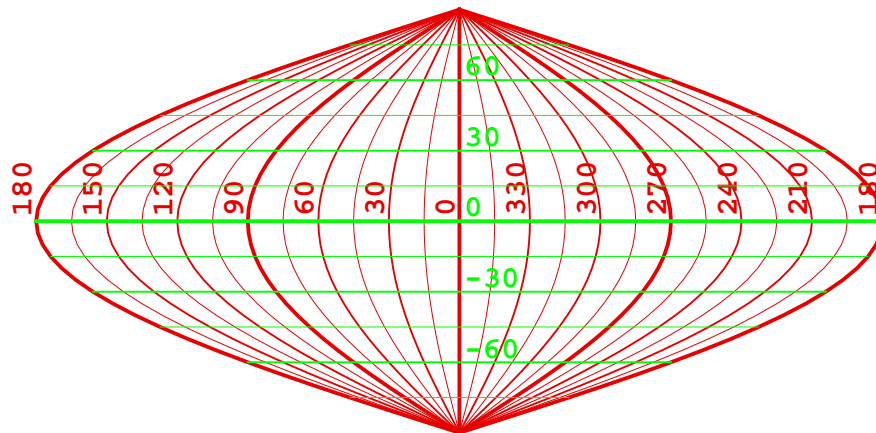


Cylindrical projection

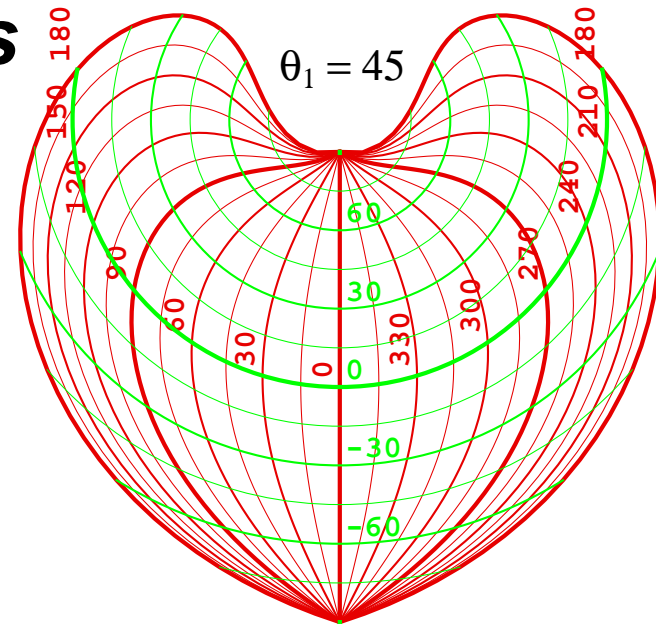
Conic projections



Conventional projections

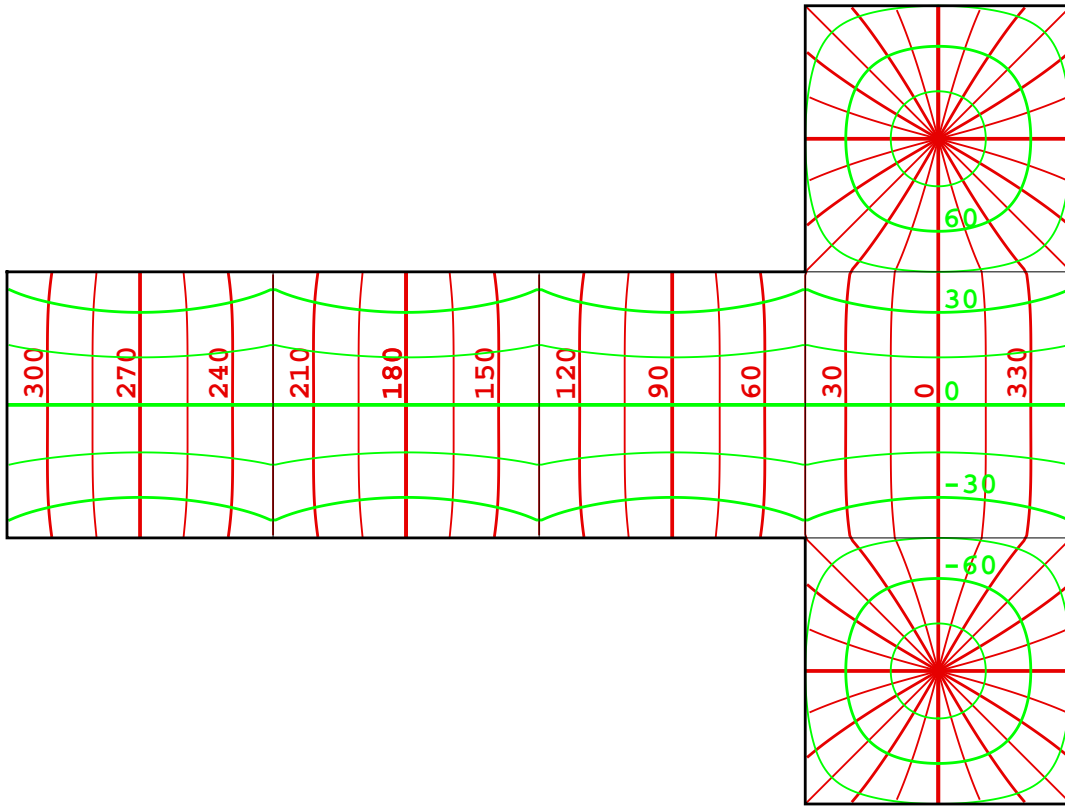


GLS projection

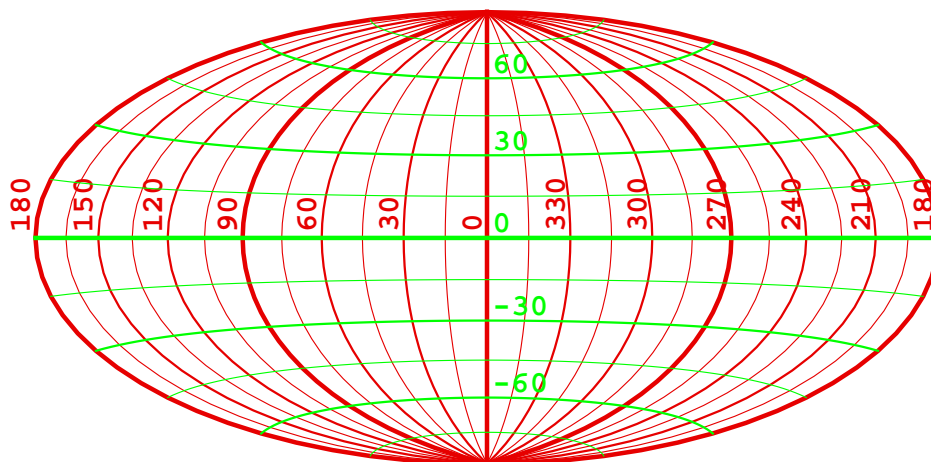


Bonne's equal area projection

Native Spherical Coordinates

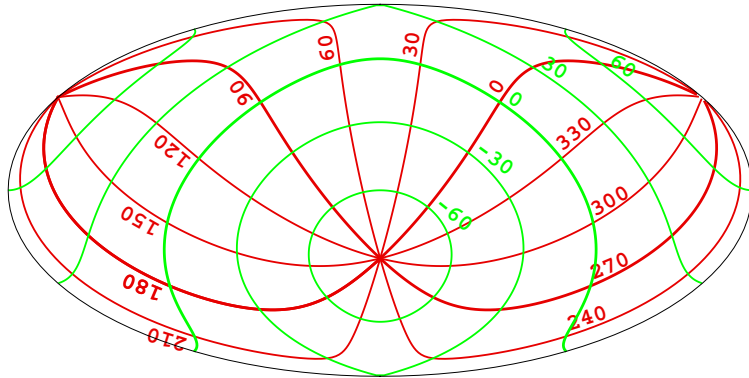


Cobe Quadrilateralized Spherical Cube projection

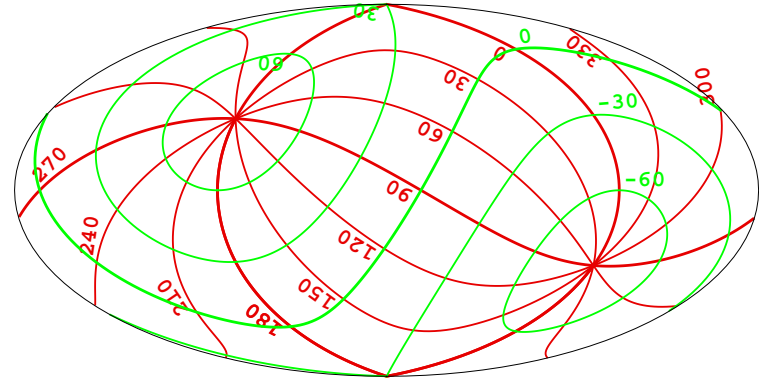


Hammer-Aitoff projection

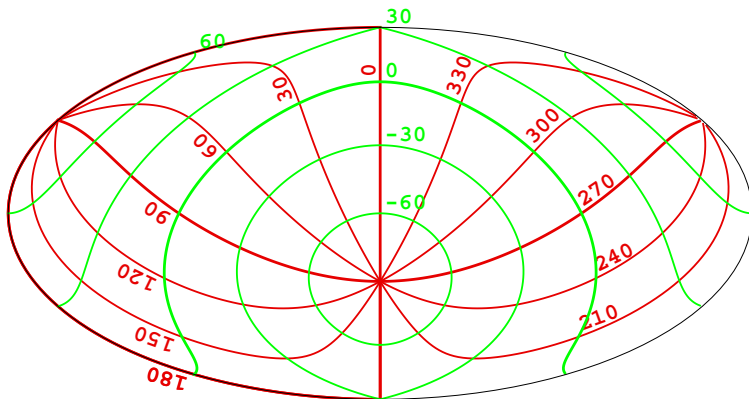
Standard Spherical Coordinates



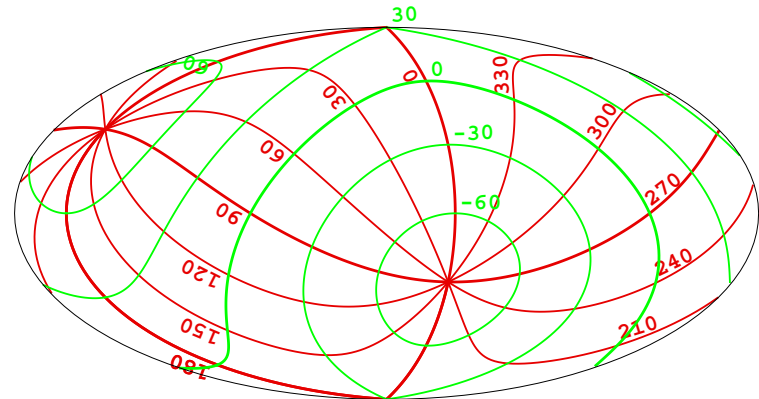
origin (45, -60), 180, pole (45, 30)



origin (98, 13), 75, pole (0, 30)



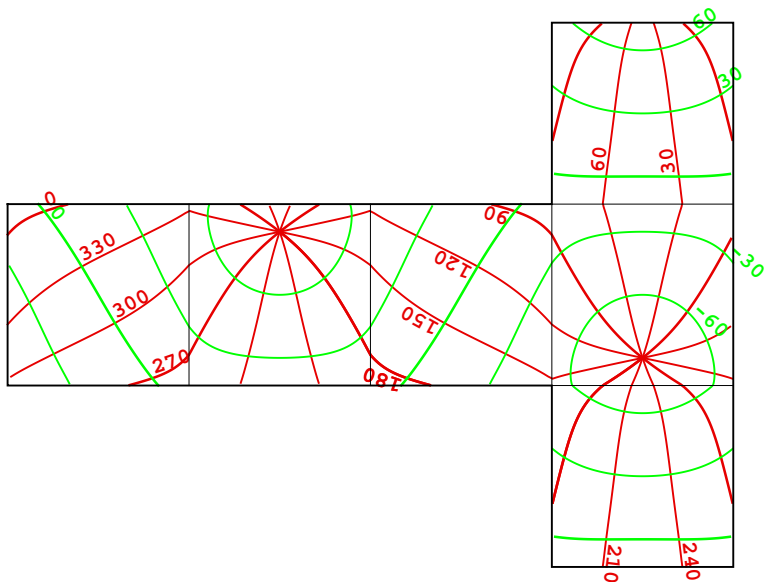
origin (0, -60), 180, pole (0, 30)



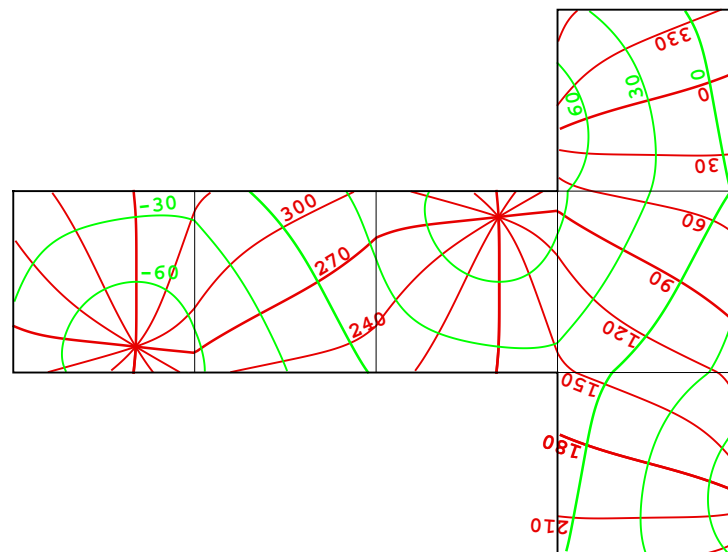
origin (49, -49), 150, pole (0, 30)

Hammer-Aitoff projection

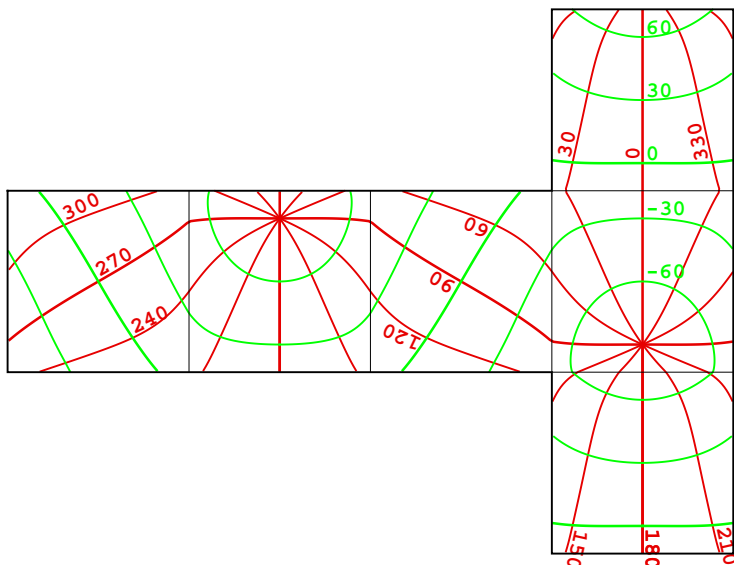
Standard Spherical Coordinates



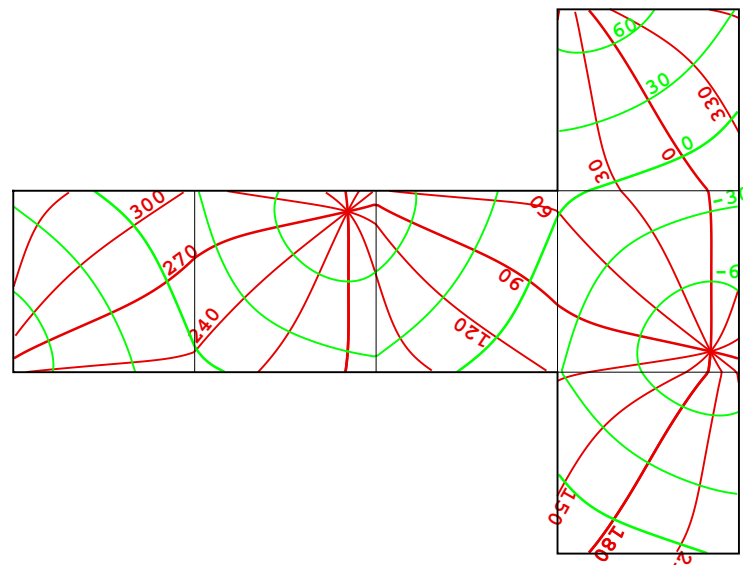
origin (45, -60), 180, pole (45, 30)



origin (98, 13), 75, pole (0, 30)



origin (0, -60), 180, pole (0, 30)



origin (49, -49), 150, pole (0, 30)

Cobe Quadrilateralized Spherical Cube projection

DOES GEOMETRY MATTER ?

