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[1] Eq. 5 -> Declination equation (Sun path)

[2] Eq. 4 -> Surface irradiance equation (DNI calc)

[3] Global Horizontal Radiation-> GHI equation (DHI calc)

[4] Eq. 3.1, 3.2 -> Solar altitude and Solar azimuth (Sun Path)

[5] Eq. 8-> Hour angle (Sun Path)