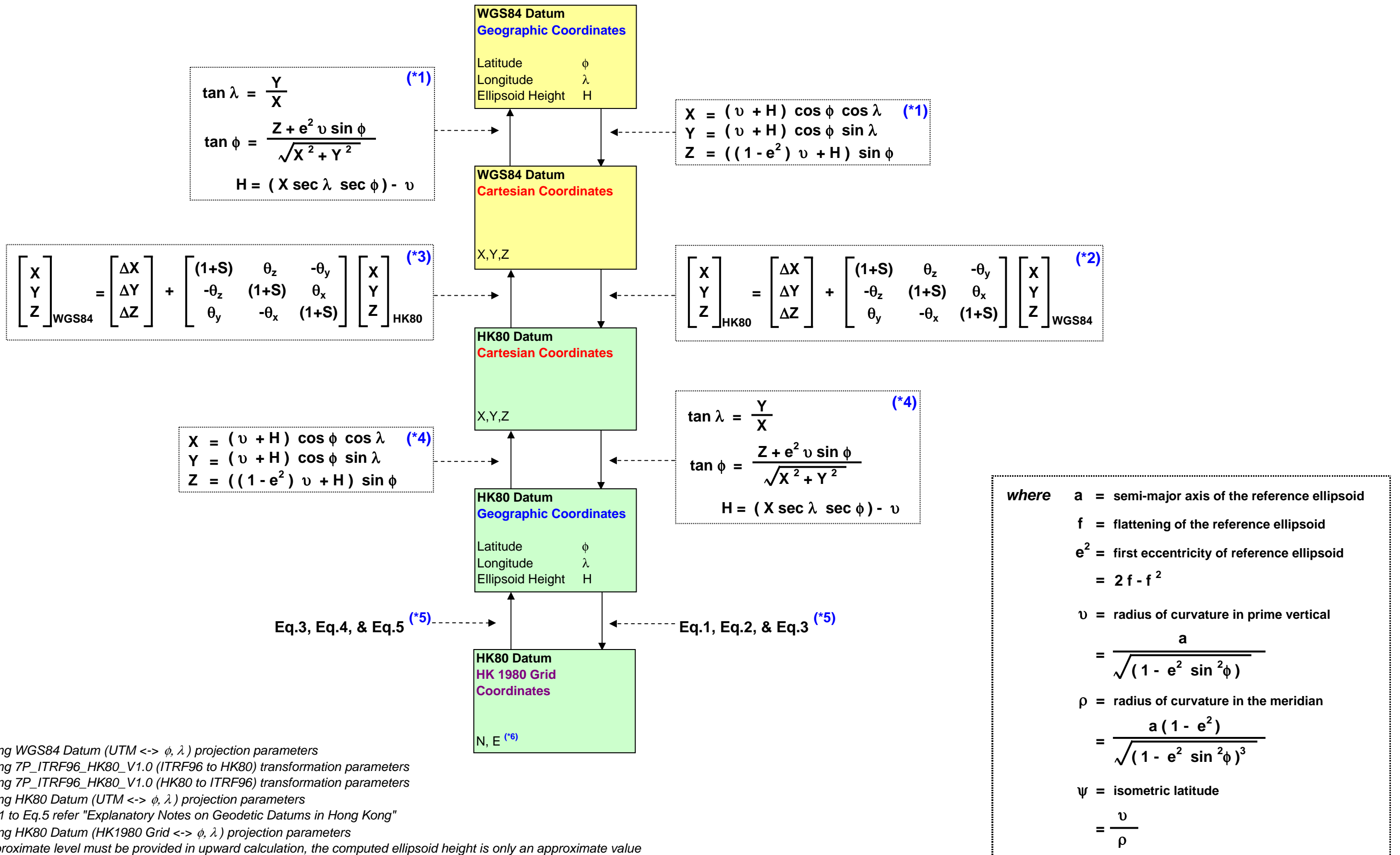


Schematic Diagram Showing Transformation of Coordinates between WGS84 Geographic Coordinates and HK 1980 Grid Coordinates

This diagram should be read in conjunction with 1. "Explanatory Notes on Geodetic Datums in Hong Kong" and 2. "Geodetic Datum Transformation and Map Projection Parameter Set for Computation between ITRF96 Geodetic Coordinates (or Cartesian Coordinates) and HK1980 Grid Coordinates"



Notes:

- *1 Using WGS84 Datum (UTM \leftrightarrow ϕ, λ) projection parameters
- *2 Using 7P_ITRF96_HK80_V1.0 (ITRF96 to HK80) transformation parameters
- *3 Using 7P_ITRF96_HK80_V1.0 (HK80 to ITRF96) transformation parameters
- *4 Using HK80 Datum (UTM \leftrightarrow ϕ, λ) projection parameters
- *5 Eq.1 to Eq.5 refer "Explanatory Notes on Geodetic Datums in Hong Kong" Using HK80 Datum (HK1980 Grid \leftrightarrow ϕ, λ) projection parameters
- *6 Approximate level must be provided in upward calculation, the computed ellipsoid height is only an approximate value