

solstitial  
colure

T

celestial  
equator

( $\zeta$ ) T'

ecliptic

$\delta_1(90^\circ - \lambda^\circ)$

F

A'

G

$\Omega$

$90^\circ - \lambda^\circ$

circle congruent  
to the ecliptic

N

$\bar{P}$

O

P

P'

H

S

$\lambda^\circ$

circle of  
declination

$\delta(\lambda^\circ)$

$\beta$

$\delta_1(\lambda^\circ)$

$\delta_2(\lambda^\circ)$

B

C

D

R'

R