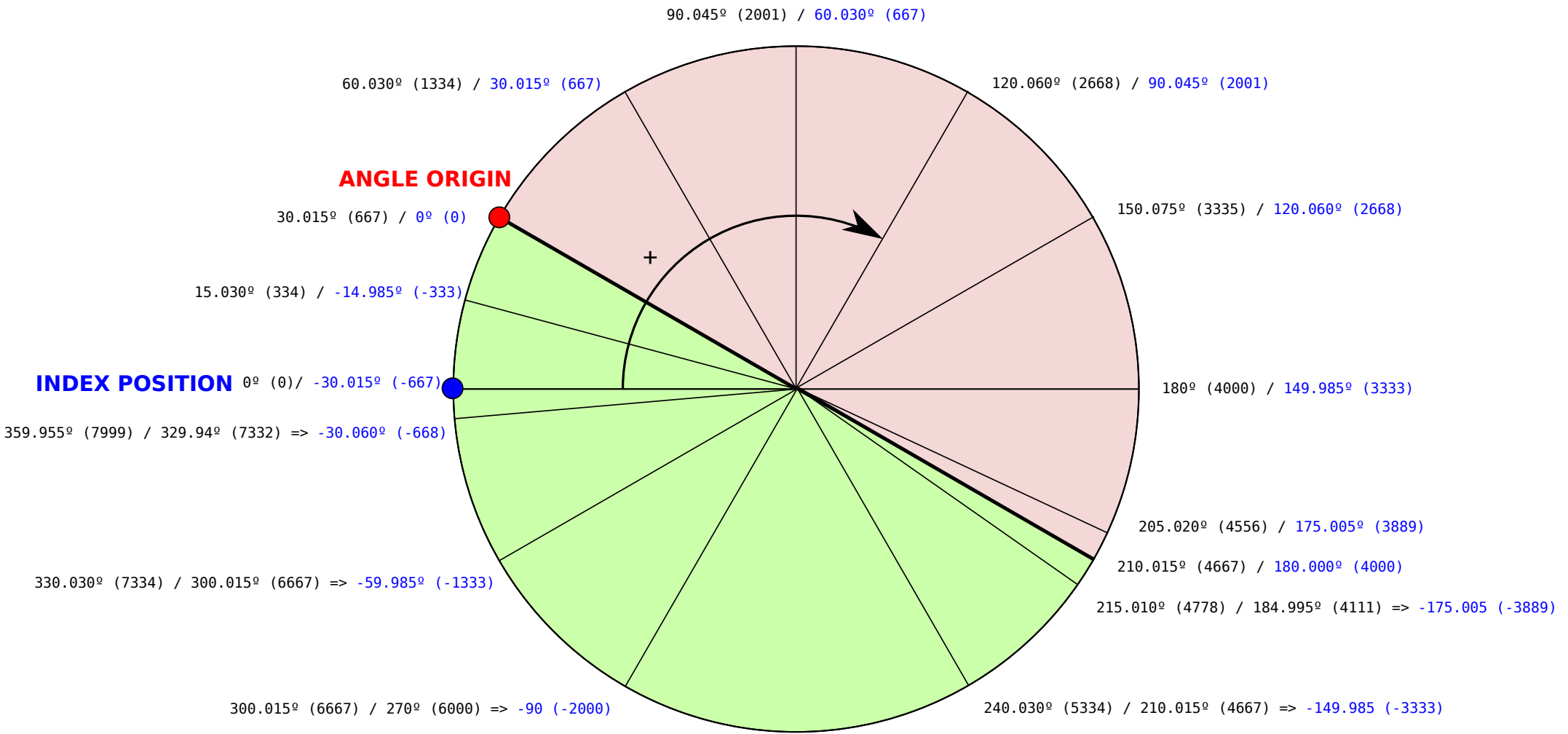


```
theta_dig = theta_sensor_dig + offset;  
if( theta_dig > ((theta_sensor_dig_max + 1) / 2) )  
    theta_dig -= (theta_sensor_dig_max + 1);  
else if( theta_dig < -((theta_sensor_dig_max + 1) / 2) )  
    theta_dig += (theta_sensor_dig_max + 1);
```

ANGLE ORIGIN IN FIRST QUADRANT
WITH RESPECT THE INDEX POSITION



```

theta_dig = theta_sensor_dig + offset;
if( theta_dig > ((theta_sensor_dig_max + 1) / 2) )
    theta_dig -= (theta_sensor_dig_max + 1);
else if( theta_dig < - ((theta_sensor_dig_max + 1) / 2) )
    theta_dig += (theta_sensor_dig_max + 1);

```

ANGLE ORIGIN IN FOURTH QUADRANT WITH RESPECT THE INDEX POSITION

