

## Generalized Morley

$$\alpha + \beta + \gamma + \delta = 240$$

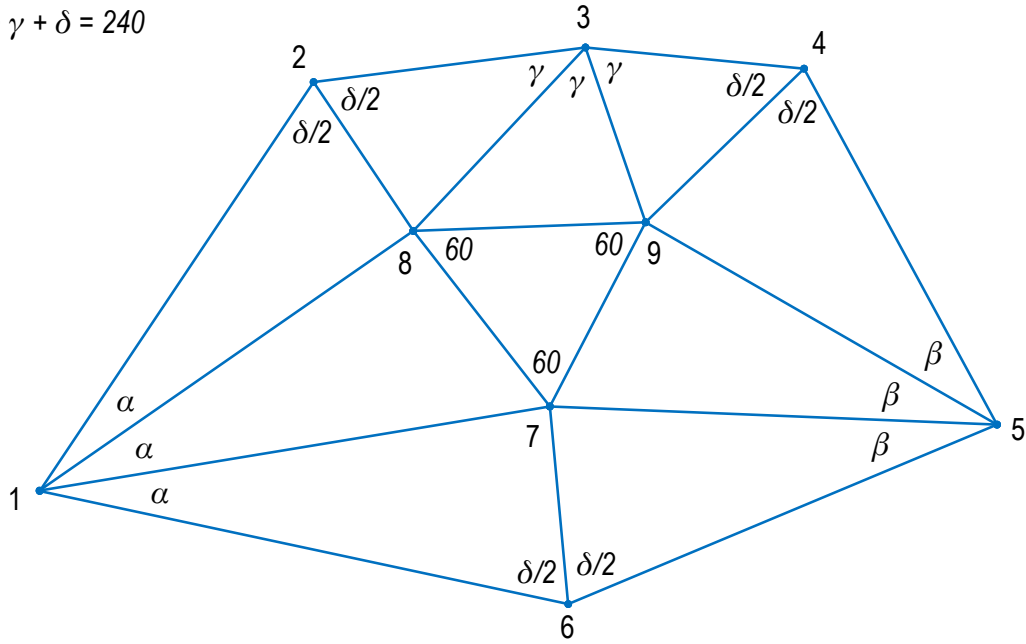


Figure 11 in paper

GEOPAR Input:

```

10 5
3, 4, 9;  $\gamma$ ,  $120 - 1/2\alpha - 1/2\beta - 1/2\gamma$ , x
4, 5, 9;  $120 - 1/2\alpha - 1/2\beta - 1/2\gamma$ ,  $\beta$ , x
9, 5, 7; x,  $\beta$ , x
7, 5, 6; x,  $\beta$ ,  $120 - 1/2\alpha - 1/2\beta - 1/2\gamma$ 
7, 6, 1; x,  $120 - 1/2\alpha - 1/2\beta - 1/2\gamma$ ,  $\alpha$ 
8, 7, 1; x, x,  $\alpha$ 
2, 8, 1;  $120 - 1/2\alpha - 1/2\beta - 1/2\gamma$ , x,  $\alpha$ 
3, 8, 2;  $\gamma$ , x,  $120 - 1/2\alpha - 1/2\beta - 1/2\gamma$ 
3, 9, 8;  $\gamma$ , x, x
9, 7, 8; 60, 60, 60
    
```