

Prediction of Downstream Parameters for 3D Conical Shockwaves

❖ Input 1

cone_angle_deg = 35.0

M1 = 2

output:

```
Shock angle: 54.00 deg  
Normal Mach behind shock: 0.6631
```

❖ Input 2

cone_angle_deg = 35.0

M1 = 1.5

output:

```
Shock angle: 61.61 deg  
Normal Mach behind shock: 0.7762
```

❖ Input 3

cone_angle_deg = 10

M1 = 2

output:

```
Shock angle: 41.95 deg  
Normal Mach behind shock: 0.7679
```