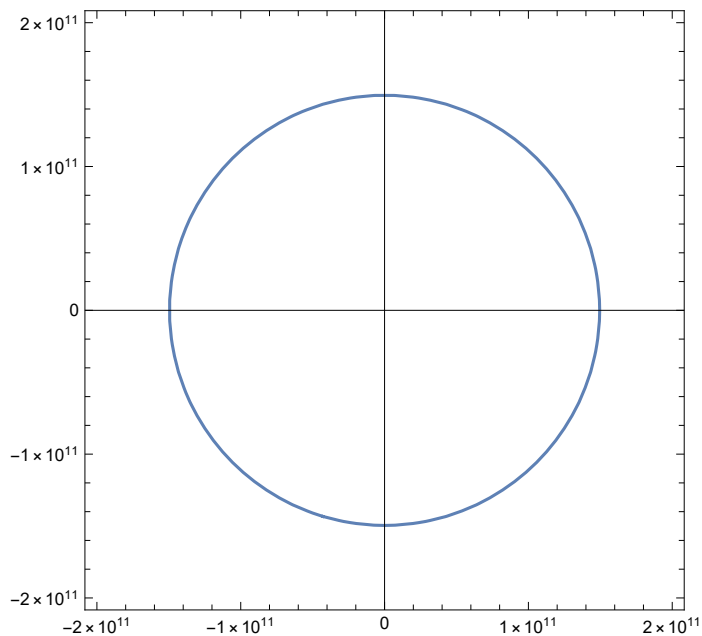


ContourPlot[$\frac{x^2}{(149576999.826 \times 10^3)^2} + \frac{y^2}{(149597887.5 \times 10^3)^2} == 1,$
|绘制等高线

{x, -2 * 10⁸ * 10³, 2 * 10⁸ * 10³}, {y, -2 * 10⁸ * 10³, 2 * 10⁸ * 10³}, Axes → True]
|坐标轴 |真

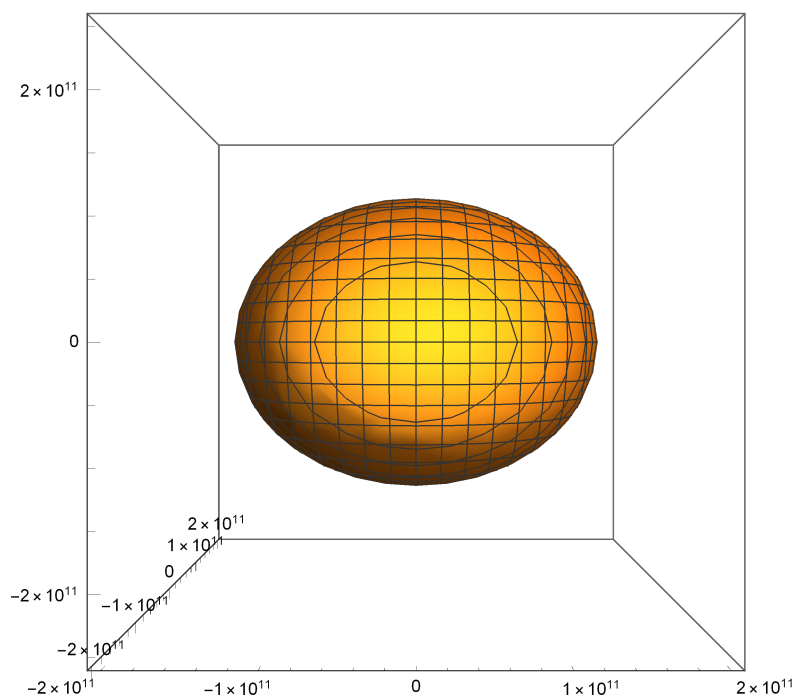


Clear["`*"]

|清除

ContourPlot3D[$\frac{(z)^2 + \left(x \times \cos\left[7.25^\circ \times \frac{\text{Pi}}{180^\circ}\right]\right)^2}{(149576999.826 \times 10^3)^2} + \frac{(y)^2}{(149597887.5 \times 10^3)^2} == 1,$
|三维等高线

{x, -2 * 10¹¹, 2 * 10¹¹}, {y, -2 * 10¹¹, 2 * 10¹¹}, {z, -2.5 * 10¹¹, 2.5 * 10¹¹}]



```
A = ContourPlot3D[
$$\frac{(z)^2 + \left(x \times \cos\left[7.25^\circ \times \frac{\text{Pi}}{180^\circ}\right]\right)^2}{(149576999.826 \times 10^3)^2} + \frac{(y)^2}{(149597887.5 \times 10^3)^2} == 1,$$

  三维等高线
```

```
{x, -2 * 10^11, 2 * 10^11}, {y, -2 * 10^11, 2 * 10^11}, {z, -2.5 * 10^11, 2.5 * 10^11}];
```

```
B = ContourPlot3D[z == x * Sin[7.25 * 10^0 *  $\frac{\text{Pi}}{180^\circ}$ ], {x, -2 * 10^11, 2 * 10^11},
  三维等高线 正弦
```

```
{y, -2 * 10^11, 2 * 10^11}, {z, -2.5 * 10^11, 2.5 * 10^11}];
```

```
Show[A, B]
```

```
显示
```

```
RegionPlot3D[RegionIntersection[A, B], {x, -2 * 10^11, 2 * 10^11},
```

```
... 区域交集
```

```
{y, -2 * 10^11, 2 * 10^11}, {z, -2.5 * 10^11, 2.5 * 10^11}]
```

