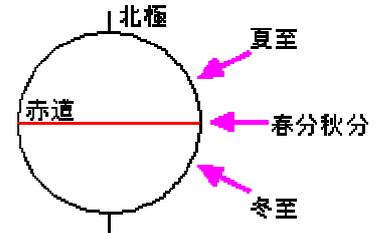
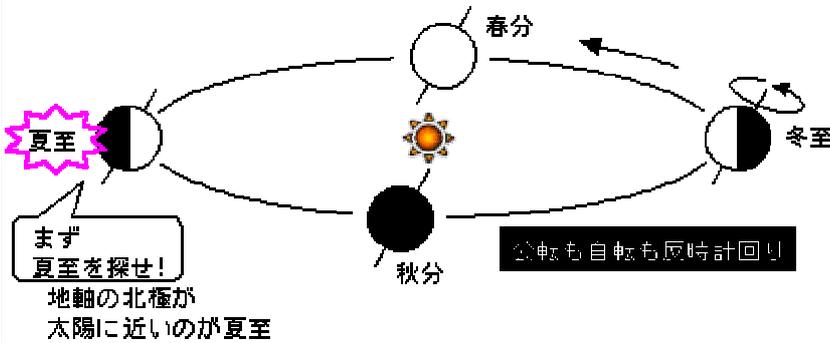


# 地球と太陽(2)・まとめ(その1)

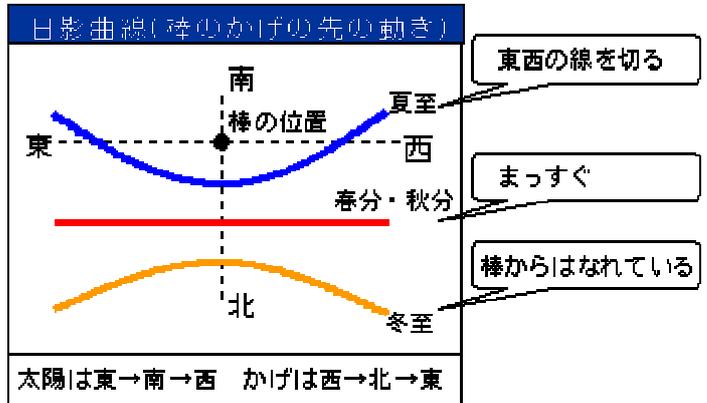
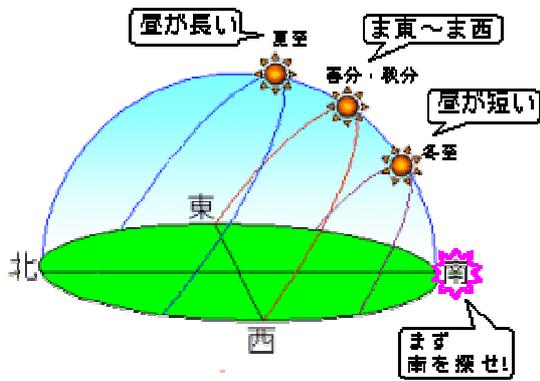
## 1 地球の公転と地軸のかたむき

季節の変化…地軸が地球の公転面に対して88.8度かたむいているから

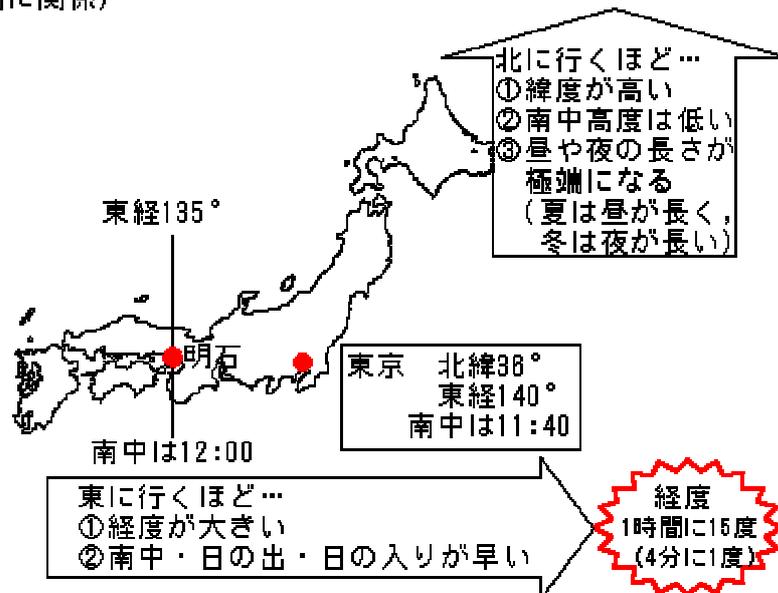


南中高度の式	
春分秋分	…90 - 緯度
夏至	…90 - 緯度 + 23.4
冬至	…90 - 緯度 - 23.4

## 2 太陽の動きと日影曲線(東京の場合)



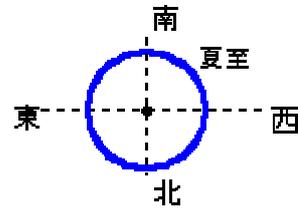
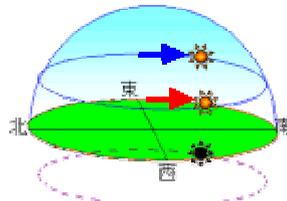
## 4 緯度(=昼の長さに関係)と経度(=時刻に関係)



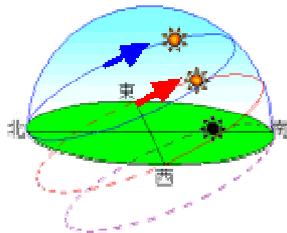
# 地球と太陽(2)・まとめ(その2)

## 4 地球各地の太陽の動きと日影曲線

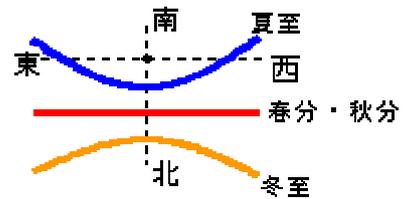
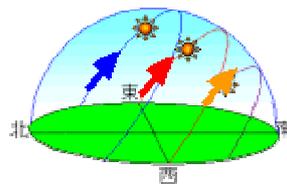
北極



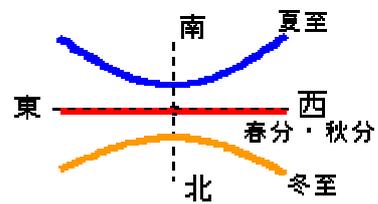
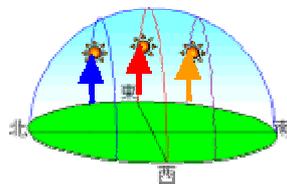
北緯66.6°



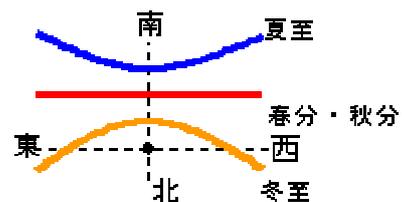
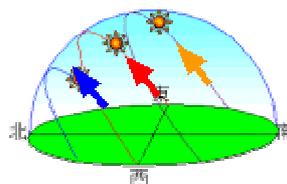
北緯36°  
(東京)



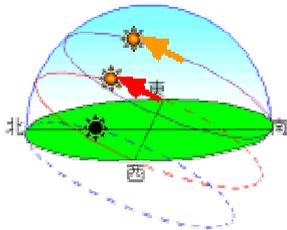
赤道



南緯36°  
(シドニー)



南緯66.6°



南極

