

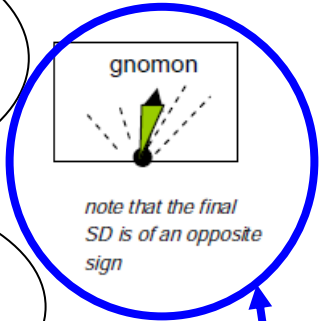
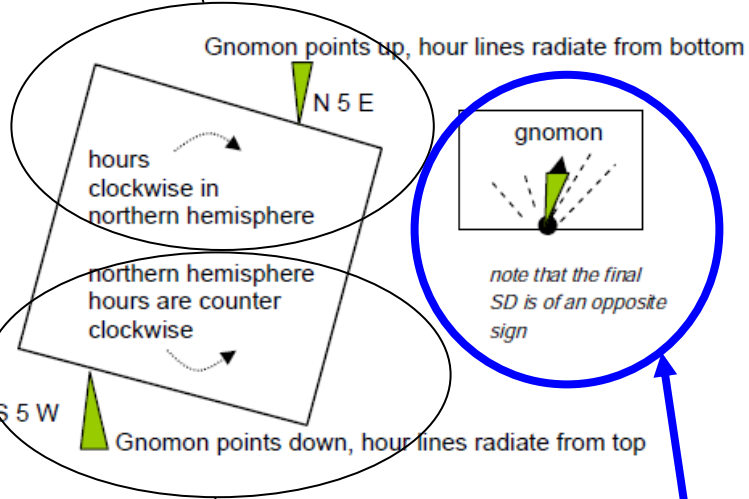
QUESTION: The text on page 157 of the big book says clockwise but one of the pictorials shows counter clockwise, what is the deal?

North facing vertical dial
in the northern hemisphere
has the shadow rotating clockwise

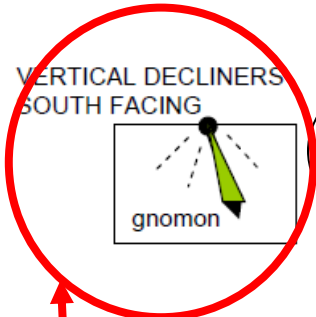
THE SAME VERTICAL DECLINER BUT NORTH FACING ~ S 175°E or N5°E

The north side of the same building can be used for a vertical dial, useful during the summer months. In the northern hemisphere the EOT for a pure north dial would be in the range of +/- 7 minutes. The relationship of the S 5° W and N 5° E vertical decliners is shown below.

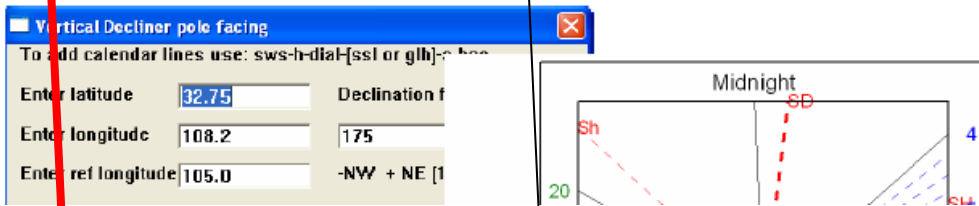
VERTICAL DECLINERS
POLE FACING



VERTICAL DECLINERS
SOUTH FACING



A variation of the vertical declining DeltaCAD program was used, this dial declines S 175° E or N 5° E the latitude and longitude being the same.



South North facing vertical dial
in the northern hemisphere
has the shadow rotating counter clockwise

The gnomon pictures do not show shadow rotation, they show how the gnomon itself looks on a vertical dial, mostly facing the north, BUT offset by a few degrees (right hand circle above), or how the gnomon itself looks on a vertical dial, mostly facing the south, ALSO offset by a few degrees (left hand circle above)