

beareth his name and endeth in the next strike [stroke] of the planet, under the foresaid west orizont; and ever as the sunne climbeth upper and upper, so goeth his nadire downer and downer, echng [eking, adding on] fro suche strikes the houres of plannets by order as they sitten in heaven.'

The next passage is on account of several adverbial words rather quaintly employed therein: sadly, slyly, softly, avisely. He is showing how 'to know justly the foure quarters of the world, as East, West, South and North.' 'Take the altitude of the sunne,' he says, 'when thou liste, and note well the quarter of the worlde in which the sunne is, from the time by the azymutes; tourne then thyne astrolaby, and set the degree of the sunne in the almicanteras of his altitude on thilke syde that the sunne standeth, as is in maner of takyng of houses, and lay thy labell on the degree of the sunne, and reken how many degrees of the sunne been between the lynne meridionall and the point of thy label, and note well the nombres. Tourne then agayne thyne astrolabie and set the poynt of the great rule there thou takest thin altitudes, upon as many degrees in hys bordure from his meridionall as was the point of thy label from the line meridionall on the wombe side. Take then thyne astrolaby with both hands sadly and slyly, and let the sunne shine through both holes of thy rule, and slyly in thilke shining lay thine astrolabie couch a downe even upon a playne ground, and then will the meridionall lyne of thine astrolabie be even South, and the East line will be even East, and the West lyne West, and the North lyne North, so that thou worke softly and avisely in the couching; and thou hast thus the foure quarters of the firmament.'

The following is his clear and interesting account of a method 'to prove the latitude of any place in a region by the preffe of the height of the pole artike in that same place':—

'In some winters night,' he says, 'when the firmament is cleere and thicke sterred: wayt a time till that any ster fix sit line right perpendiculer over the pole artike, and clepe that ster A; and wayte another sterre that sit lyne right under A, and under the pole, and clepe that sterre F; and understand well that F is not considered but onely to declare that A that sit ever on the pole. Take then anone right the altitude of A from the orizonte and forgette it not. Let A and F go farewel till aynst the dawning a great while, and come