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The General Theory of Magnitudes

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As a continuing of the previous Theory of Magnitudes, this a General Theory
 The previous theory dealt only with the closest star in a ratio of its greatest inverse apparent magnitude. My new theory shows the distance between 2 stars anywhere on a photograph of the

night sky using centimeters. I am extending that beginning formula adding on a new equation with the integral calculus formula using the number value at that given to be raised to exponent 2 divided by 2 . All stars are using inverse Apparent Magnitudes like my first paper.

My new formulas as stated 1+ Inverse Apparent Magnitudes one = Q 1
 1 + Inverse Apparent Magnitude two = Q2

$(Q1 + Q2) - (Q1 - Q2)$ times 2.5 divided by $(Q1 + Q2) + (Q1 - Q2)$ times 8 pi take the square root of that by which was divided. take the natural logarithm of that and you get the value P

take P squared and then divide P by 2 . call all of this formula W

My second equation ; Euler's number raised to its exponent is such ; total addition of the inverse apparent magnitudes in a centimeter using times that in centimeter plus one times 8 pi . .

take natural logarithm of that total using square root of total of this divided by 3 pi

Take this second equation and square it the multiply this equation called Y by w then subtract

this total by w ;Then divide the previous equation by the Natural Logarithm in This set of the Inverse apparent magnitude of the reference star raised to the exponent of 10 } .

Appendix

To simplify I will repeat: After Y is subtracted by w 2 new simple formulas for the basic understanding ; Divid that part of the answer

By the Natural Log of this { pi plus the inverse apparent magnitude raised to 10 exponent } ; this star ; other reference star also star is used in these formulas ;

Here in the appendix of this paper is a new way to look at the derivative ;an example given the function $Af(x)$ raised to B : as an example ; A must be greater than or equal to B : B squared plus $(A-B)B$; $Nx^{n-1} = f(x) = B$ squared minus $(B+A)f(x)^{n-1}$ or B squared plus $(B-A)f(x)^{n-1}$ they are symmetric.

References

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