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Istanbul / TURKEY, Istanbul, Turkey. *Astroid's total arc lengths on the positive Cartesian.*

THE MOST ACCURATE ESTIMATION FOR THE TOTAL ARC LENGTHS OF THE ASTROIDS ON THE POSITIVE CARTESIAN

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$(x/a)^r + (y/b)^r = 1$ will be considered

$r=2$ (case of ellipse) will be studied

the overall error % =0.000009419280054 will be reached

the actual world record for error % being =0.00145, this is a shocking result.

WHY ESTIMATIONS WHEN EXACT VALUES EXIST? Exact values do not exist, except the case of ellipse.

WHY ESTIMATIONS?

People's culture level is far from academic level. Academicians should leave their non-understandable way of explaining and approach people's understanding level, to spread science among the majority, like have done Kepler , Euler, Ramanujan*

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