

1098-41-187

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Mapping the Regular Polygons onto the Circle.

We consider the Schwarz- christofel integral which maps the circle onto the Nth order regular polygon. I propose to invert the mapping by a power series inversion of the integral. It appears that a 3 term inversion can map each regular polygon onto the circle to within 1 part in 1000. (Received January 25, 2014)