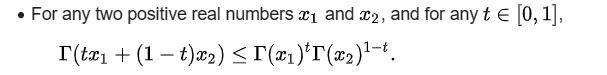
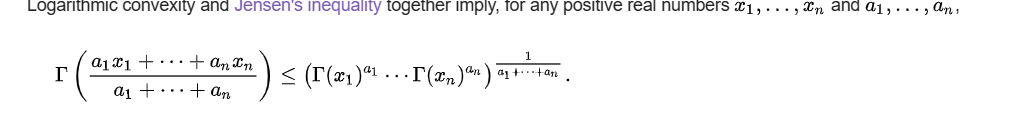
Gamma function

Property

Property 1:





Proof:

Property 1:

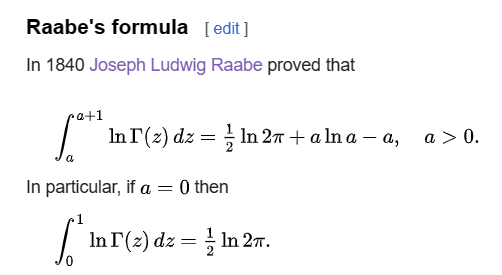
Gamma function is a continuous convex function.

By Jensen’s in equality, one put as

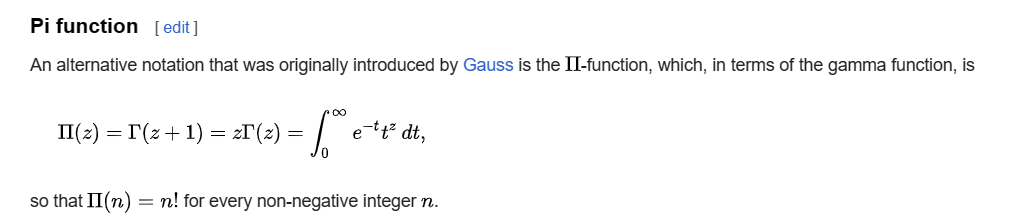
Hence proved.

=

Rabbe’s formula



Pi function



Ref