Beta function reveal with global differential manifold.

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Global differential manifold exclude with constant of value of imaginary and real to Euler law equation, and this equation equal with beta function.

$$\frac{d}{df}F(x,y) = \frac{d}{df}\int\int \frac{1}{(x\log x)^2}dx_m + \frac{d}{df}\int\int \frac{1}{(y\log y)^{\frac{1}{2}}}dy_m$$

This equation is hyper circle function. And Jones manifold.

$$= \frac{1}{2}i \times 1 \times \sin(90^\circ) + \frac{1}{2} \times 1 \times 1 \times \sin(90^\circ) = \int \frac{1}{\sin x}dx_m$$

$$= \log(\sin x) = e^{x\log x} + e^{-x\log x} \geq e^{x\log x} - e^{-x\log x} = \cosh^{-1}(h) + \sinh^{-1}(h)$$

This equation equal with beta function.

$$= \beta(p,q)$$

Beta function escourt with gravity and anti-gravity equation.

And, this equation system call function to deprivate of global manifold. Moreover, this system also recreate with integral manifold of global topology.

$$\int \frac{1}{\sin x}dx_m = \cos x \log(\sin x) = \log{(\sin x)}^{\sin x'} = \frac{d}{df}F(x) = F^{f'}$$