

endlich = finally. at last

an treten --로 들어가다, 가다.

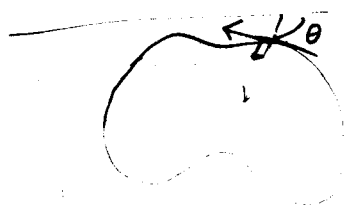
대신하다

gerade = even ^{짝수}의

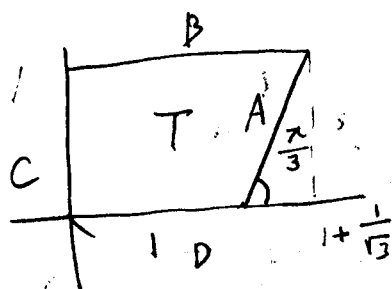
Korollar = 결론의 결론

f analytic

$$\int \frac{\partial f}{\partial x} dT = - \int f \cos \theta ds$$



The generalized Fundamental Theorem
in 2-dimensional case.



Let $f(x, y) = x$.

$$\Rightarrow \frac{\partial f}{\partial x} = 1$$

$$\int 1 dT = \text{area of } T = 1 + \frac{\sqrt{3}}{6}$$

$$- \int f \cos \theta ds = - \int_C f \cos \theta ds - \int_D f \cos \theta ds - \int_B f \cos \theta ds - \int_A f \cos \theta ds$$

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