

1: x\*e^(-x^2)

2 : x^2e^(-x) ; gor : x\*e^(2x-1)
x\*e^(-x) – prezrcaljena modra čez X-os
gor tudi x^2\*e^(x-1)

Slika - (x-2)/(x+1)



**Zaporedje člen:**

an – formula zaporedja

**Tangenta na krivuljo v točki :**

**Iz polarne v normalno (kompleksna):**

Določen integral:

Ostalo:

Pravila integriranja:

**Osnovni integrali:**

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Če minimum: maksimum:

**Odvod:**

|  |  |
| --- | --- |
| Funkcija | Odvod |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Osnovni odvodi:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **func** | **odvod** |  | **func** | **Odvod** |
| C (konst) | 0 |  |  |  |
| x | 1 |  |  |  |
| Cx | C |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  | - |
|  |  |  |  |  |

**Limite:**

**Kompleksna števila**

**Polarni zapis:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **0** | **30** | **45** | **60** | **90** | **180** | **270** | **360** |
|  | **0π** | **π/6** | **π/4** | **π/3** | **π/2** | **π** | **3 π/2** | **2 π** |
| **Sin** | 0 | ½ |  |  | 1 | 0 | -1 | 0 |
| **Cos** | 1 |  |  | ½  | 0 | -1 | 0 | 1 |
| **Tg** | 0 |  | 1 |  | ∓∞ | 0 | ∓∞ | 0 |
| **ctg** | ∓∞ |  | 1 |  | 0 | ∓∞ | 0 | ∓∞ |