|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| --> integrate((x^2+1)/(x^2−1),x); | | | | | | | | | | | | | |  |  |  |  |  |
| (%o1) | − log ( | | | | | |  | + 1) + + log ( | | | | | |  | − 1) | | |  |
| --> integrate(x·sin(x^2), x); | | | | | | | | | | | | |  |  |  |  |  |  |
| (%o4) | − | |  | cos ( | | | 2 ) | |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --> diff(tan(x)·cos(x)−3·x^2,x); | | | | | | | | | | | | | |  |  |  |  |  |
| (%o5) | − sin ( | | | | | | ) tan ( | | | | | ) + cos ( )sec ( | | | | )2−6 | |  |
| --> (%i05), x=2; | | | | | | | | | | | |  |  |  |  |  |  |  |
| (%o7) | *%i05* | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --> diff(4/x=2·exp(x)·acos(x),x); | | | | | | | | | | | | | |  |  |  |  |  |
| (%o8) | − | |  | 4 |  | = 2% | | | | |  | acos( | ) − | 2% | |  |  |  |
| 2 | |  | √1 − | | 2 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --> (%i08), x=2; | | | | | | | | | | | |  |  |  |  |  |  |  |
| (%o9) | *%i08* | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --> diff((sin(x)−5)/x^2,x); | | | | | | | | | | | | |  |  |  |  |  |  |
| (%o10) |  |  | cos ( | | | | ) | − | | | 2 (sin ( | | )−5) | |  |  |  |  |
|  |  |  | | | |  |  | |  | |  |  |  |
|  |  |  |  |  |  | 2 |  |  |  |  |  |  | 3 |  |  |  |  |  |
| --> diff(tan(x)/(√x+4),x); | | | | | | | | | | | | |  |  |  |  |  |  |
| (%o11) |  |  |  | sec ( | | | )2 | |  |  |  |  |  |  |  |  |  |  |
|  | *sqrtx* + 4 | | | | | | | | | |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |



Created with [wxMaxima](https://wxmaxima-developers.github.io/wxmaxima/).