```
syms t
x=t; y=t^2;
t1=-1; t2=2;
F=[x*y x+y]
ds=[diff(x,t);diff(y,t)]
I=int(F*ds,t,t1,t2);
disp(['I = ',char(I)])
```

```
F =

[t^3, t^2 + t]


ds =

  1
2*t

I = 69/4
```

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