

```
(* load the package "nearSeparate" *)
```

```
In[ ]:= SetDirectory["/Users/manfredbuchacher/Desktop"]
```

```
Out[ ]:= /Users/manfredbuchacher/Desktop
```


```
In[ ]:= << nearSeparate.m
```

```
In[ ]:= nearSeparate[x y - x - y - x^2 y^2, {x, y}]
```

 **Solve:** Equations may not give solutions for all "solve" variables.

$$\text{Out[]} = \left\{ \left\{ \frac{1 - x + x^2 - x^3}{x^2}, \frac{1 - y + y^2 - y^3}{y^2} \right\} \right\}$$

```
In[ ]:= nearSeparate[x y - x - y - x^2 y - x y^2, {x, y}]
```

 **Solve:** Equations may not give solutions for all "solve" variables.

$$\text{Out[]} = \left\{ \left\{ \frac{1 + x + x^2}{x}, \frac{-1 + 2 y - y^2}{y} \right\} \right\}$$