|  |  |  |
| --- | --- | --- |
| Operadores | Prioridad dentro de la pila | Prioridad fuera de la pila |
| ˆ | 3 | 4 |
| \*,/ | 2 | 2 |
| +,- | 1 | 1 |
| ( | 0 | 5 |

Expresión Original colocada en una posición de la cola (5^8-9+7/3\*(12-5))

|  |  |
| --- | --- |
| Pila de Operadores (PdP) Dentro (Árbol) | Comparaciones |
| -  (  \*  /    +  -  ^  (  (  (  (  Pila vacia | |  |  | | --- | --- | | Dentro | Fuera | | vacia | ( entra | | ( 0 | 4 mayor entra | | ^3 mayor sale | -1 entra | | -1igual sale | +1 entra | | +1 | /2 entra | | /2 igual sale | \*2entra | | \*2 | (5mayor entra | | (0 | -1 mayor entra | |  | )sacar hasta encontrar ( | |  | )sacar hasta encontrar ( | |

5

12

|

\*

3

/

7

+

^

8

5

9

|

Inorden 5^8-9+7/3\*12-5

Preorden \*/+-^58973-125

Postorden 58^9-7+3/125-\*