Logotipo

Descripción generada automáticamente

**Actividad 2.1**

**Máquinas de estado y KMP**

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1. Dibujo de máquina de estados.

Texto, Pizarra

Descripción generada automáticamente

1. Construcción de la tabla KMP para P

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Índice | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Patrón | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| LPS | 0 | 0 | 0 | 1 | 2 | 3 | 4 | 0 |

1. Seguimiento del algoritmo KMP con T

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| String | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 |
| Posición | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Estado | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 0 | 0 | 0 | 0 |
| Aceptación |  |  |  |  |  |  | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |  |  |  |  |

Aceptación en posición 7.