

```
[0101] 01101 | 1+2+8+32=43 86-64 | 2+4+16=22 | 2+4+16=22 | 10101 | 1+2+8+32=43 | N=$\frac{1}{2}\text{ip} \text{for } \text{in } \tex
```

 $P(X) \sum_{i=0}^{n} a_i x^i = a_0 + a_1 x + a_2 x^2 e^{---} - a_n x^n$   $a_n x^4 a_{m-1} x + a_n x^2$   $P(X_0)$   $t = x S = a_0$   $for i \rightarrow 1 \quad n+1$   $S = S + n i s \times t$   $t = t \times x.$   $N = \sum_{i=0}^{m-1} 2^i \cdot P[m-1-i]$   $N = \sum_{i=0}^{m-1} 2^i \cdot P[m-1-i]$ 

J=0 ho m

y (T[i+i][=\*P[i]) break:

y (J==m) Point (there is a match at i)

## Robin - Karp Algorithon The specific properties of the specific propertie





