

@logo

**@project**

@date

@summary

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@authors

@contact

@abstract

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# Readme

Prerequisites

## Installation

List of functions

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```
import numpy as np

def incmatrix(genl1,genl2):
    m = len(genl1)
    n = len(genl2)
    M = None #to become the incidence matrix
    VT = np.zeros((n*m,1), int) #dummy variable

    #compute the bitwise xor matrix
    M1 = bitxormatrix(genl1)
    M2 = np.triu(bitxormatrix(genl2),1)

    for i in range(m-1):
        for j in range(i+1, m):
            [r,c] = np.where(M2 == M1[i,j])
            for k in range(len(r)):
                VT[(i)*n + r[k]] = 1;
                VT[(i)*n + c[k]] = 1;
                VT[(j)*n + r[k]] = 1;
                VT[(j)*n + c[k]] = 1;

            if M is None:
                M = np.copy(VT)
            else:
                M = np.concatenate((M, VT), 1)

            VT = np.zeros((n*m,1), int)

    return M
```

```
(defun mafonction nil)
```

```
=> nil
```

```
"Function to print YOLO"
```

```
(defun mafonction (a b c yolo test abcdefghijklmnopqrst azertyuiop poiuytreza &rest yololo)) => c
```



test