num2bin

Convert number to binary string using `quantizer` object

Syntax

```
y = num2bin(q,x)
```

Description

`y = num2bin(q,x)` converts numeric array `x` into binary strings returned in `y`. When `x` is a cell array, each numeric element of `x` is converted to binary. If `x` is a structure, each numeric field of `x` is converted to binary.

`num2bin` and `bin2num` are inverses of one another, differing in that `num2bin` returns the binary strings in a column.

Examples

```
x = magic(3)/9;
q = quantizer([4,3]);
y = num2bin(q,x)

Warning: 1 overflow.

y =

0111
0010
0011
0000
0100
0111
0101
0110
0001
```

See Also

`bin2num`, `hex2num`, `num2hex`, `num2int`

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