## **Optimisation**

- 1. Create options (xo)
- 2. Randomly solve (xs) selecting from options
- 3. Only the column sum of xs will be our problem (xp) to solve knowing only it and xo whilst being blind to xs
- 4. Solve it

2 2 2 2 0 0 4 4 4 4 0 0

```
nn=:4

]<xo=:8* (] % +/"1) (,~nn) $ ?2#~*~nn

|2.66667 2.66667 0 2.66667|

| 4 4 0 0|
```

```
]<xs=:xo {~ ?3#nn
```