

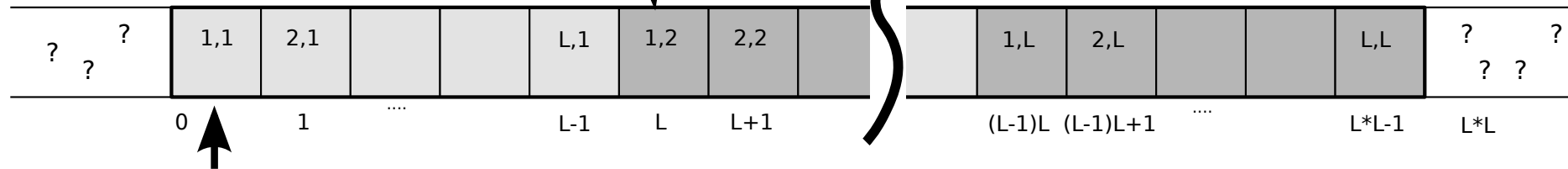
Gitter

1,1	2,1			L,1
1,2	2,2			L,2
....		i, j k		
1,L	2,L			L,L

Array Index $k = j L + i$

$i, j = 1 \dots L$

Speicher



```
double *u = new double[L*L]
```

Wert bei Gitterpunkt (i,j): $u[k]$

```
std::vector<double> u(L*L, 0)  
ublas::scalar_vector<double>(L*L, 0)  
double *u = (double)malloc(sizeof(double)*L*L);
```