

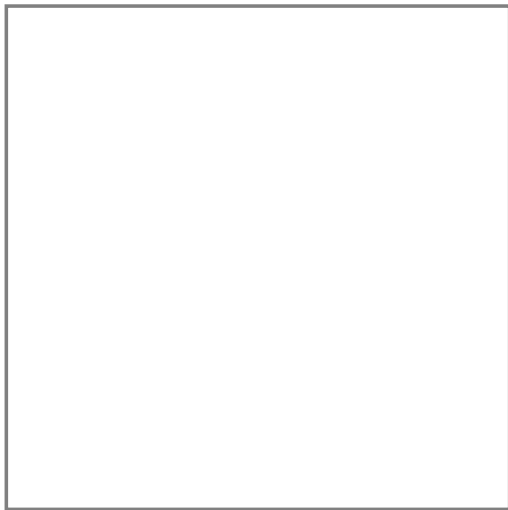
# Infinite Latin Squares

Kaethe Minden



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A square



0	1
2	3

## A Latin square

0	1	2	3
1	2	3	0
2	3	0	1
3	0	1	2

0	1	2	3
1	2	3	0
2	3	0	1
3	0	1	2

## A Roman square

3	2	0	1
0	3	1	2
1	0	2	3
2	1	3	0

3	2	0	1
0	3	1	2
1	0	2	3
2	1	3	0

## A Vatican square

0	3	1	2
1	0	2	3
3	2	0	1
2	1	3	0



0	3	1	2
1	0	2	3
3	2	0	1
2	1	3	0

## A Vatican square?

0	1	2	3

## A Vatican square?

0	1	2	3
3	0	1	2
2	3	0	1
1	2	3	0

A Vatican square? No!

0	1	2	3
3	0	1	2
2	3	0	1
1	2	3	0