

Performance Report

June 9, 2020

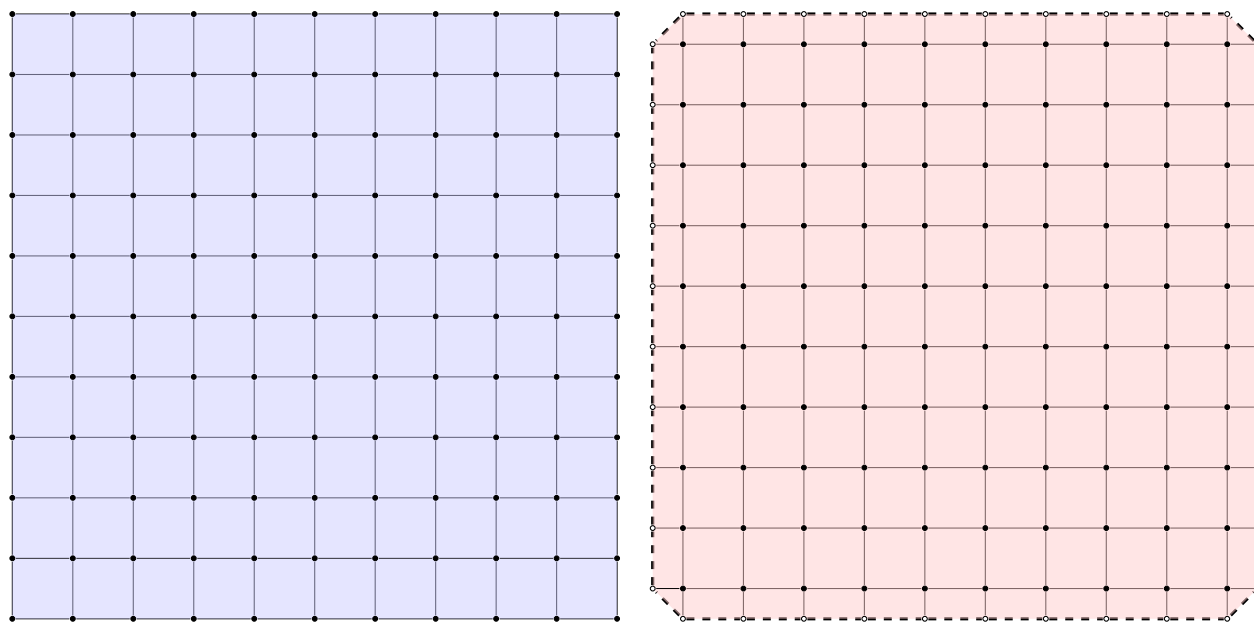


Figure 1: The tiling and its dual tiling

| | |
|---------------------------|-------------|
| Number of physical qubits | $n = 220$ |
| Number of logical qubits | $k = 0$ |
| Overhead | $n/k = inf$ |

Table 1: Error-correction overhead

| weight | number of Z -measurements |
|--------|-----------------------------|
| 4 | 100 |
| weight | number of X -measurements |
| 2 | 4 |
| 3 | 36 |
| 4 | 81 |

Table 2: Measurements weight distribution

Total simulation time: 27 seconds.