**Tensor Network Quantum Virtual Machine for Simulating**

|  |  |  |
| --- | --- | --- |
| 2 |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 4 |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 6 |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 8 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Q |  |  |  |
|  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 10 |  |  |  |
|  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Kraus Tensor |  |  |  |
|  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 14 |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 16 |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 18 |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 20 |  |  |

|  |  |  |
| --- | --- | --- |
| Tensor Network Quantum Virtual Machine |  |  |

|  |  |  |
| --- | --- | --- |
| 22 |  |  |