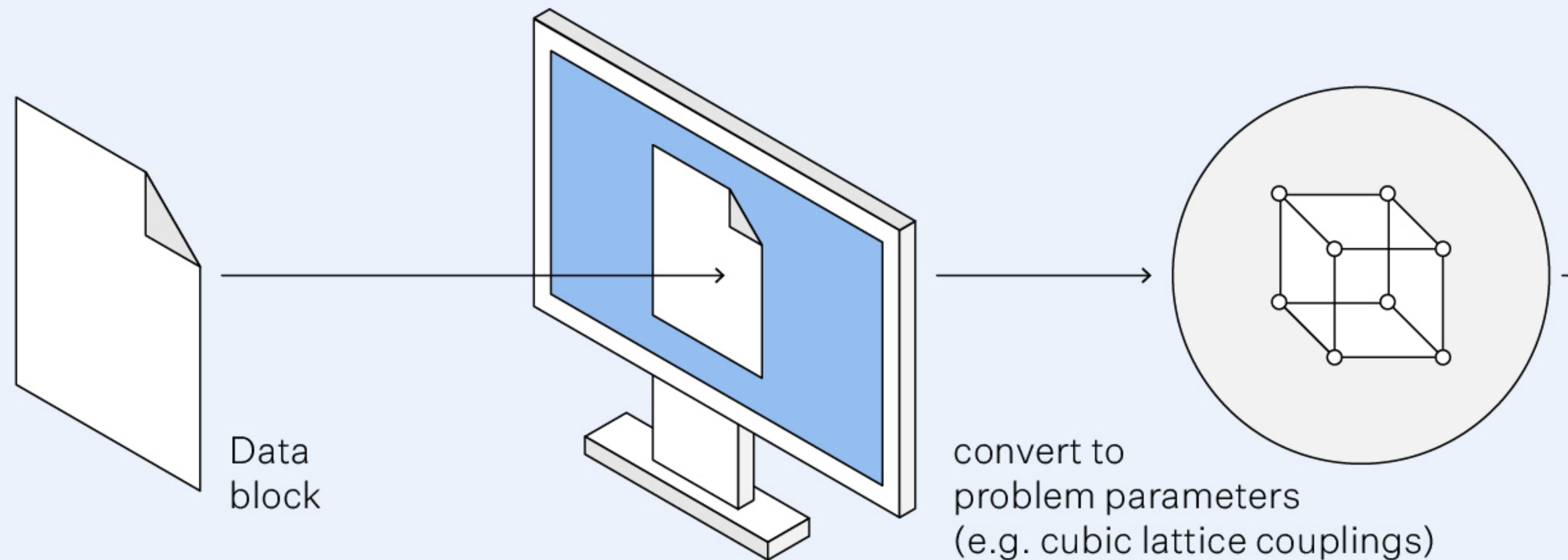
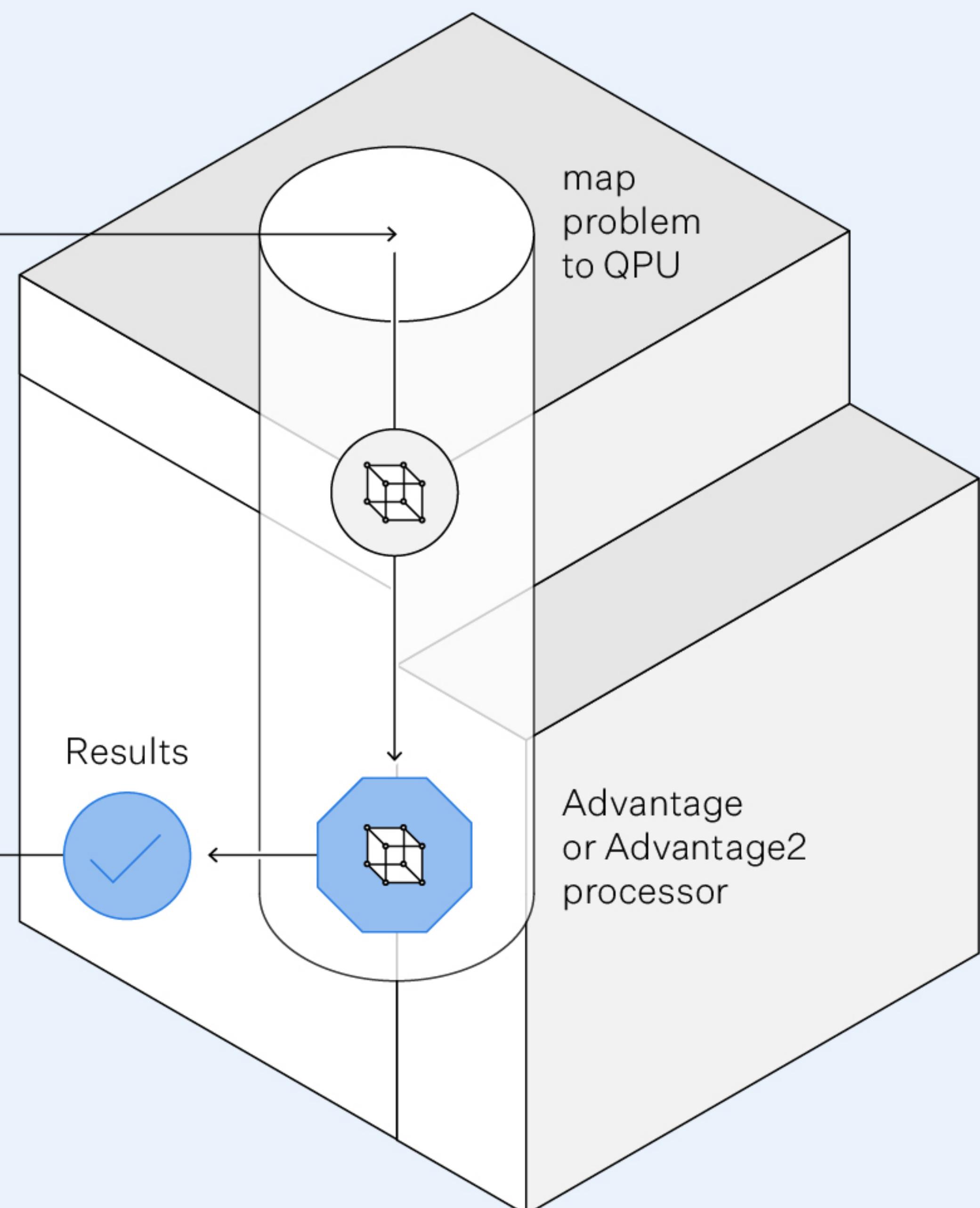


i) Preprocessing Convert block header to a programmable problem Hamiltonian.

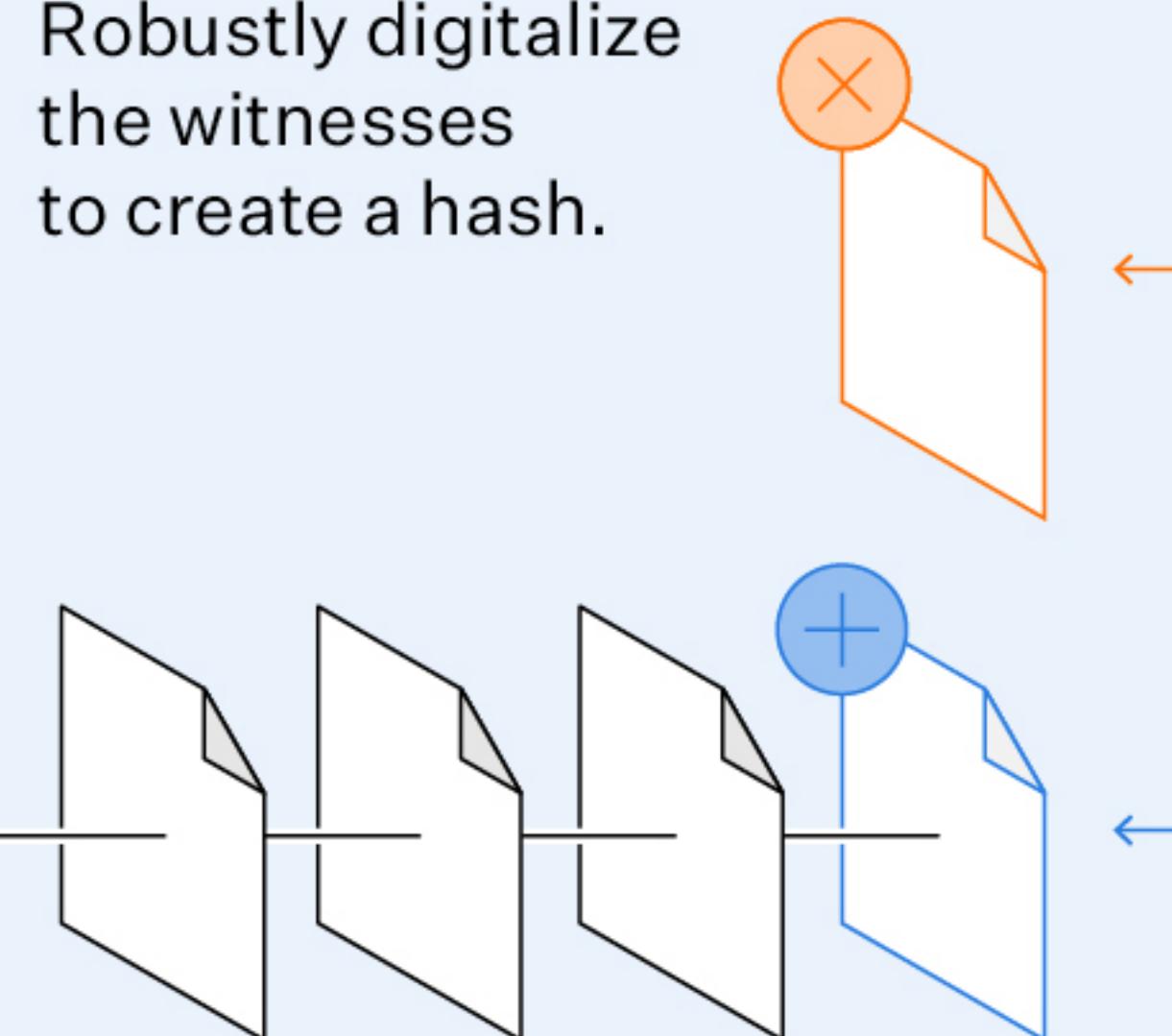


ii) Quantum computation Run problem on a quantum computer.



iv) Digitalization

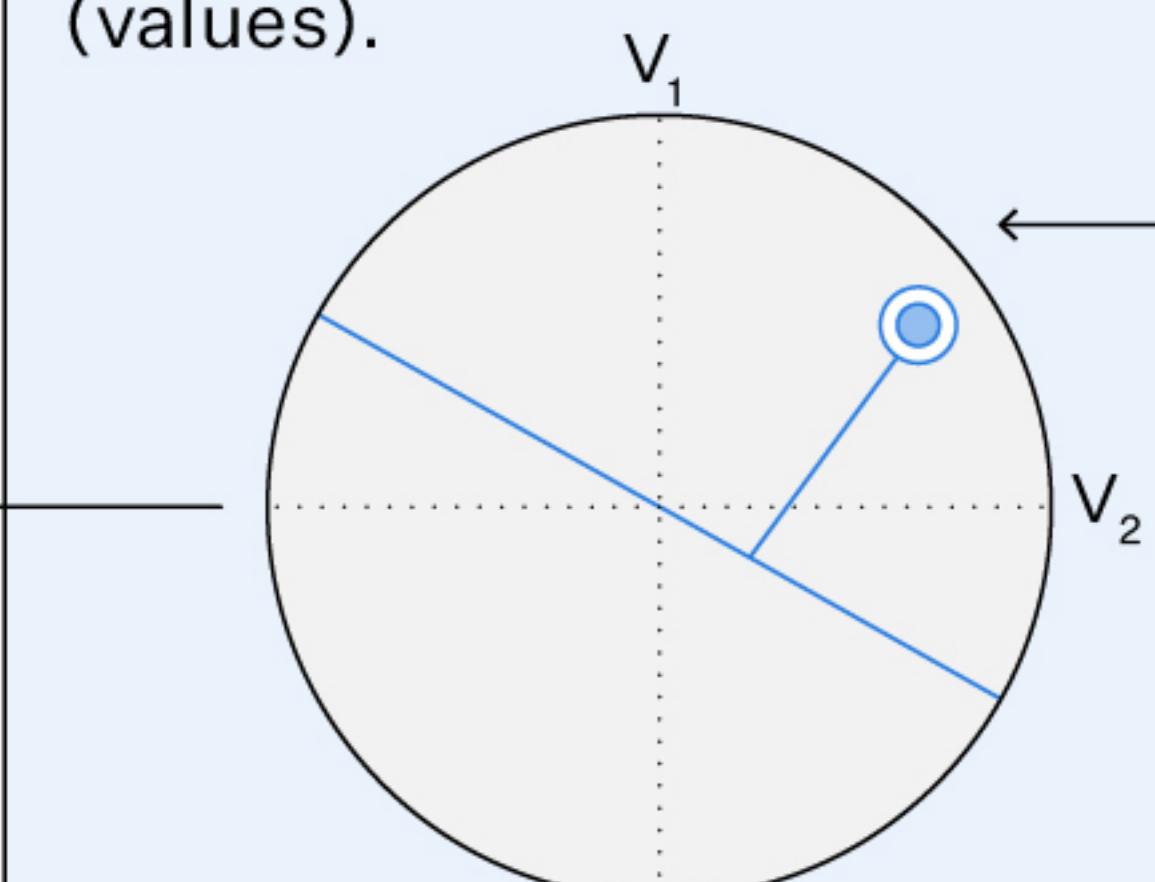
Robustly digitalize the witnesses to create a hash.



Data block meeting requirements can be added to a blockchain

iii) Postprocessing

Process statistics into a vector of witnesses (values).



D-WAVE