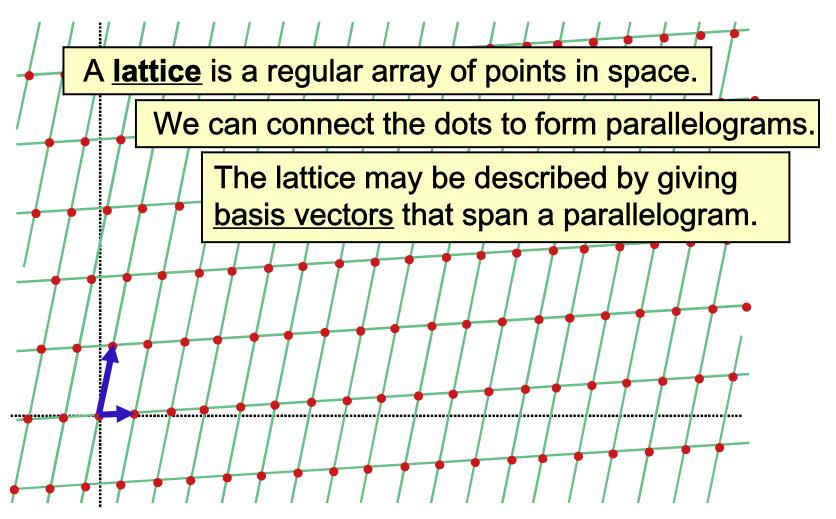
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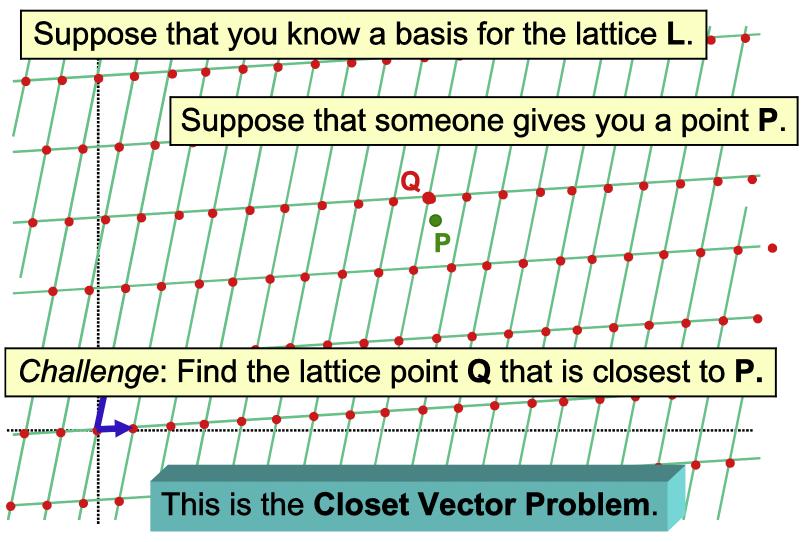
Advanced Data Encryption

What is a Lattice?



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What is the Closest Vector Problem?



Why Is That A Hard Problem?

For lattices in the plane, you're right, it's very easy. It's not even very hard in dimension 3, or 4, or 5. However, the Closest Vector Problem is **very hard** in high dimension, say in dimension 500.

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