\* Tricted Factorization

$$= \alpha + \phi_1 + b.$$

$$\Rightarrow \phi = \lambda_{11} - \alpha_{12} - b = \lambda_{11} - (\lambda_{11} - \delta_{11}) - (\lambda_{11} - \delta_{11})$$

$$= \delta_1 + \delta_1 - \lambda_{11}$$

\* Cost.

- Every element of WFWT can be simply calculated or already known given that LDLT & UEUT are known. O(1) for one twisted factorization

- For all twisted factorization, it will be O(n)