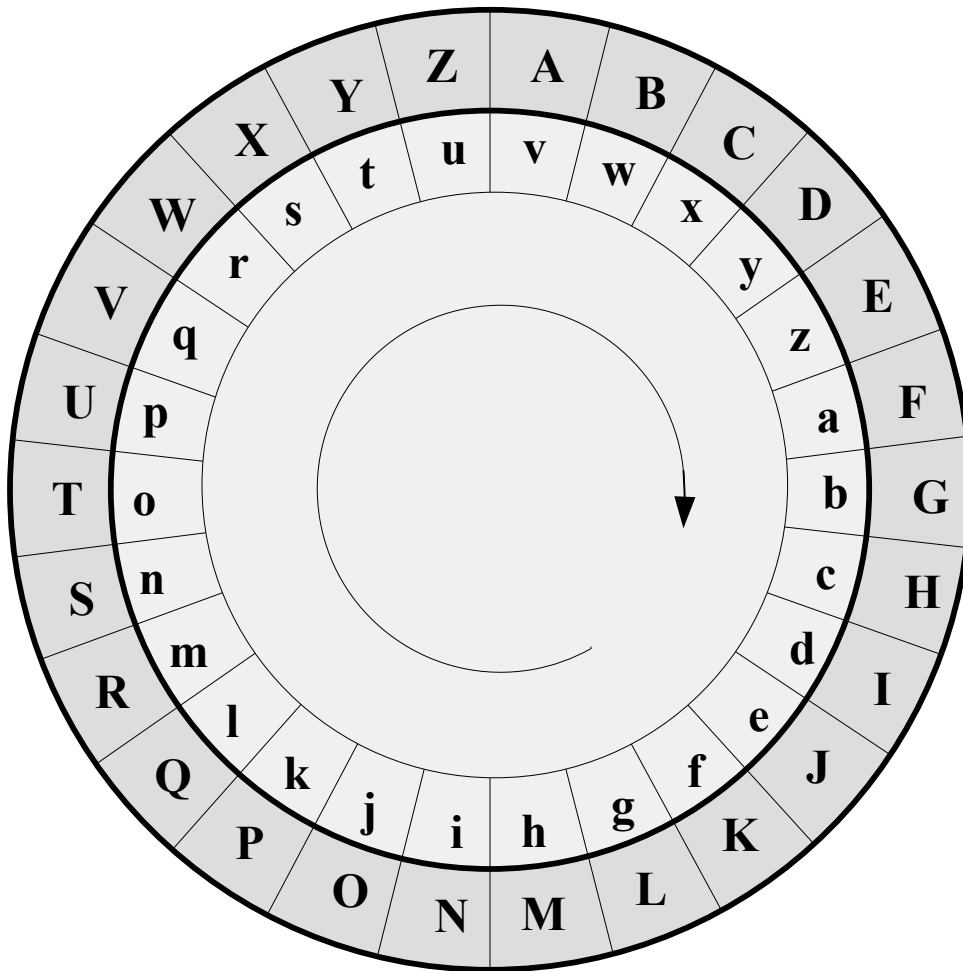


# Shift Ciphers

(Mechanical Implementation)



To encrypt or decrypt text using the key **f (5)**, rotate the inner wheel clockwise 5 positions (so plaintext **a** lines up with ciphertext **F**).

To encrypt a plaintext letter, locate the letter on the inner wheel, and read off the ciphertext letter in the same position on the outer wheel.

To decrypt a ciphertext letter, locate the letter on the outer wheel, and read off the plaintext letter in the same position on the inner wheel.

For example, **opensesame** encrypts to **TUJSXJXFRJ**.