

Problem 1.67. Let the rotational closure of language A be $RC(A) = \{yx \mid xy \in A\}$.

Part a. Show that for any language A , we have $RC(A) = RC(RC(A))$.

Proof. Solution Replace this text with the details of your proof or solution. □

Part b. Show that the class of regular languages is closed under rotational closure.

Proof. Solution Replace this text with the details of your proof or solution. □