Problem 1.7	n w	e define	the	avoids	operation	for	languages	4	and	R	to.	he
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A avoids $B = \{w \mid w \in A \text{ and } w \text{ doesn't contain any string in } B \text{ as a substring}\}.$

Prove that the class of regular languages is closed under the avoids operation.

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