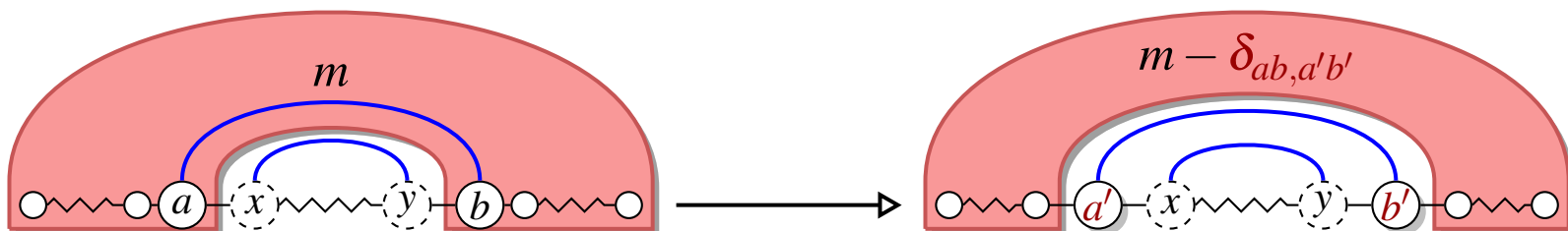
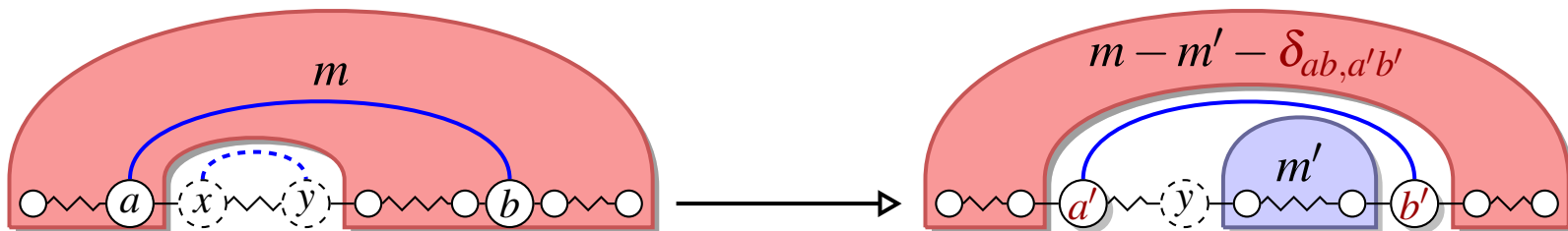


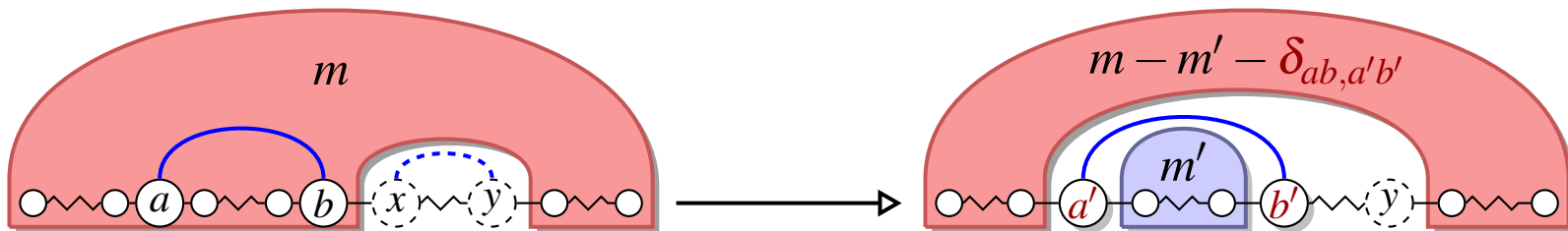
Case 1: Left innermost position is unpaired.



Case 2: Paired innermost positions, nesting a consecutive base-pair, forming stacking base-pairs.



Case 3: Next leftward position is paired to the right, but no stacking pairs.



Case 4: Next leftward position is paired to the left.