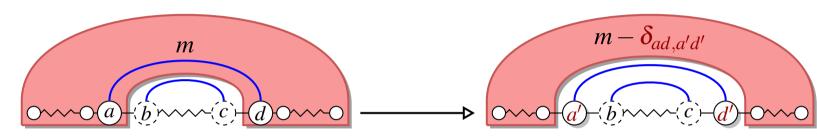
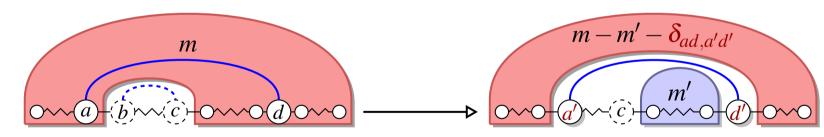


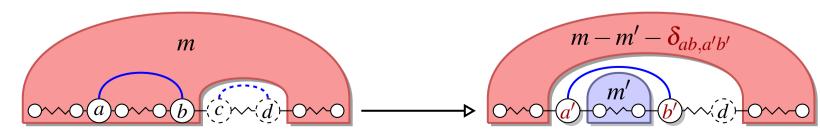
Case 1: Next leftward position is unpaired.



Case 2: Paired extremal positions, nesting another base-pair, forming a stacking base-pair.



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



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