

**Region I** $l_1^+$  (isolated) $l_2^-$  (isolated)**Region II** $l_1^+$  (isolated) $l_2^+$  (isolated)**Region III** $l_1^+$  (isolated) $l_2^-$  (not-isolated )**Region IV** $l_1^+$  (isolated) $l_2^+$  (not-isolated)