L, L2 has aftert 2 NON-ZERO coefficients.

So, both the intervals one ofen, irrespective of 1,12.

So, both the intervals over open, immegrative of 41, 12.
Similarly, for right and points.
So, $I(B_1) \cap I = \phi \Leftrightarrow I(B_2) \cap I = \phi$.