3b) Since Ind Set = 2 (G, i) | G=(V, i) ... 3

. Je know that an independent set (J, v) & i?

. bo we area a Machle M

. Ry hopt (U, v) on a TM that M

Blowlines VERTEX - COVER.

de If M rejects then reject

4) This by reducts verdex-core to independent set we have shown ind-set Sp VERTEX-COVER.