Putting (2,0) in the constraints.

is Both the constraints are active,

Buth sometraines and statisfied.

Say (210) in a KKT point.

None of the constraints are active as none of them are O.

10 H a 15 + ve definite as shown before.

= (20,-38) global

Knuran Chakraborty Scanned with CamScanner