GRAPH TO BE DRAWN:

G = (V, E)

BINTS IN PLANE SEEMENTS TO BE DRAWN

GRAPH TRACED BY PEN MOVEMENTS

G' = (V, E') EGE'

NOTE: ALL DEGREES IN G' ARE EVEN

GRAPH TRACED BY PEN WHEN IN UP POSITION

I.E. WASTED PEN MOVEMENT  $G'' = (V, E'') E'' = E' \setminus E$ 

DEGREE (" (V) = DEGREE (V) (MODULO 2)

PEN MOVEMENT, THEN E" IS A PERFECT MATCHING ON THE ODD DEGREE VERTICES OF G.