$$D = D_{1} + D_{2}.$$

$$D_{1} = \int S_{A}^{2} + y^{2}.$$

$$D_{2} = \int S_{B}^{2} + (x - y)^{2}.$$

$$D = \int S_{A}^{2} + y^{2}.$$

$$D = \int S_{A}$$

y J(x-y)2+53 = (oc-y) J5,2+y2 y2((x-y2)+5) = (x-y) (S2+y2) y2(x2-2xy+y2+SB2)=(x2-y2xy+y2) y 2x2 - 2xy3+y+532y2 = x2542+x2y2 SB y2=x2SA2-2xySA2+SA2y2. SB y = x 2 SA 2 - 2x SA 2 y + SA 2 y? (SB2-SA2) y2+2xSA2y-x2=0. = -2xsa = 54x2sa+4(sB-sa)x2sa 2(SB - SA2)