04-I-05

Voronoi Diagram

VD_{sorted}

- Case B

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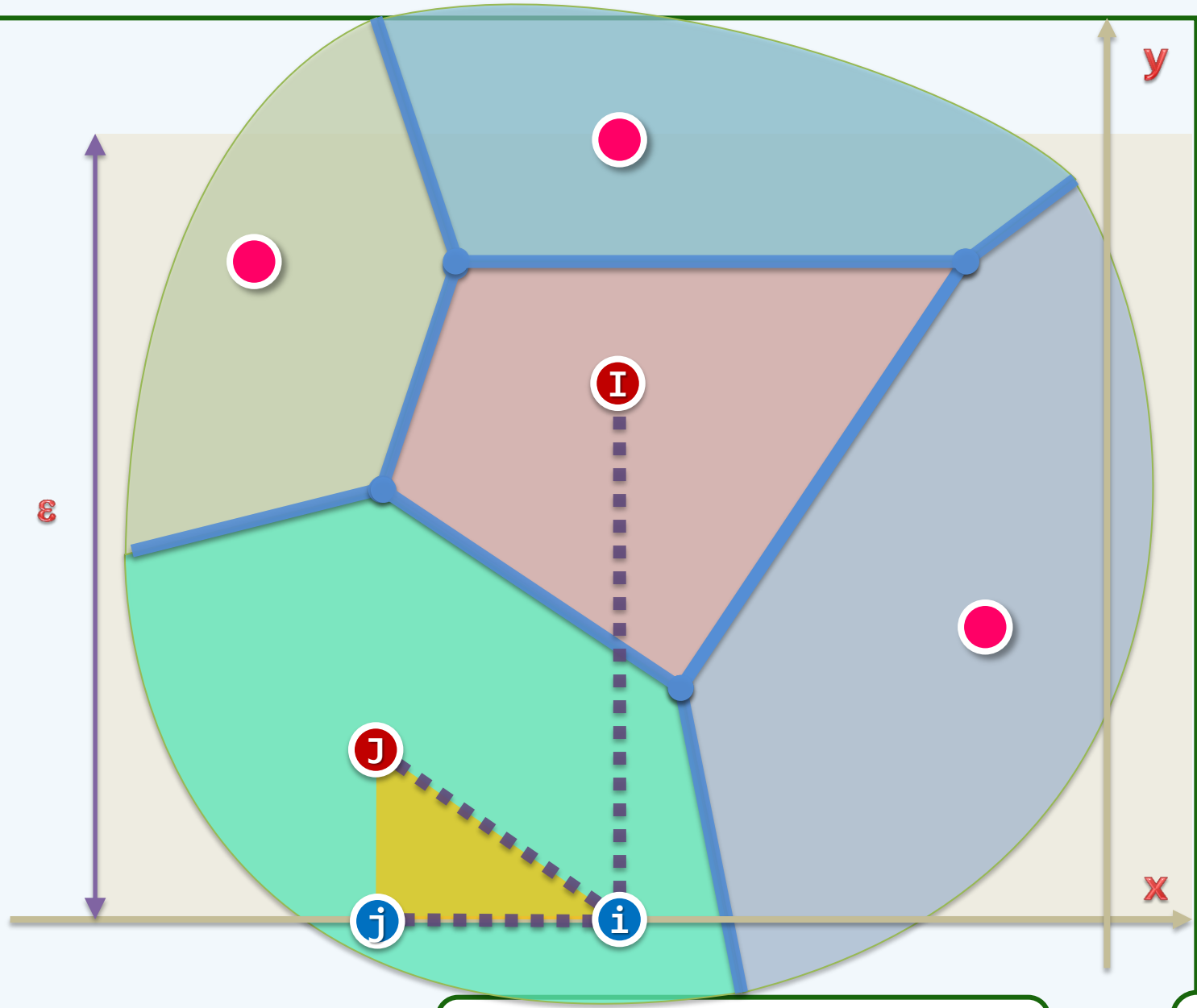
- Otherwise ...
- There is an x_i

  lying in Cell(p_j),

  $j \neq i$



❖ In this case, we have

$$< x_i, x_j >$$

$$\boxed{<} \; < x_i, p_j >$$

$$\boxed{\leq} \; < x_i, p_i >$$

$$\boxed{=} \; \frac{i\varepsilon}{n}$$

$$\boxed{\leq} \; \varepsilon$$