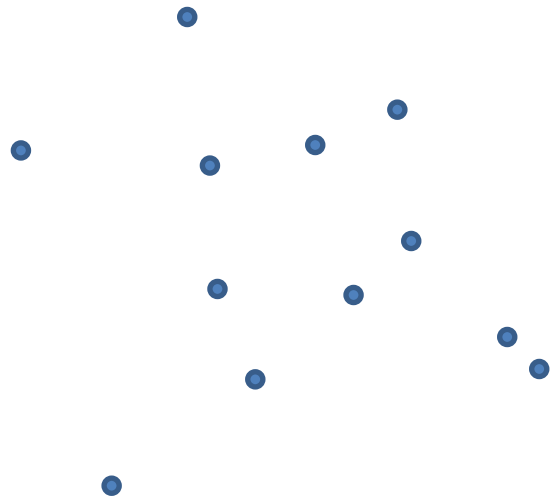
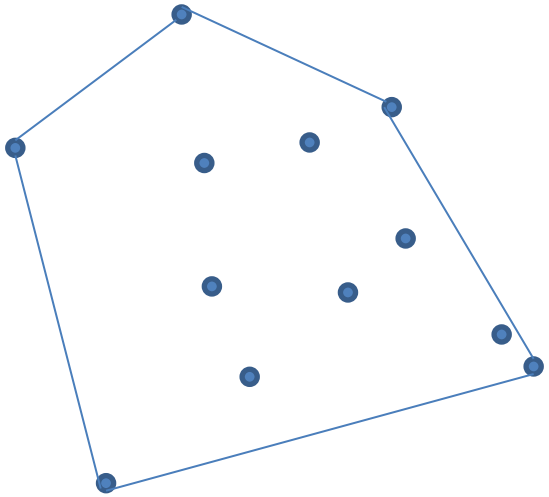
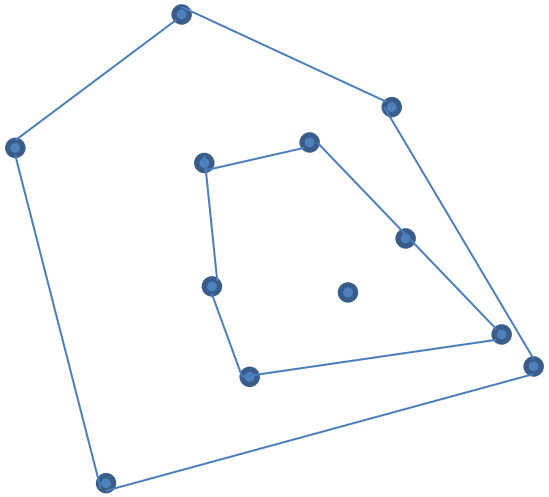
Simple solution of traveling salesman problem

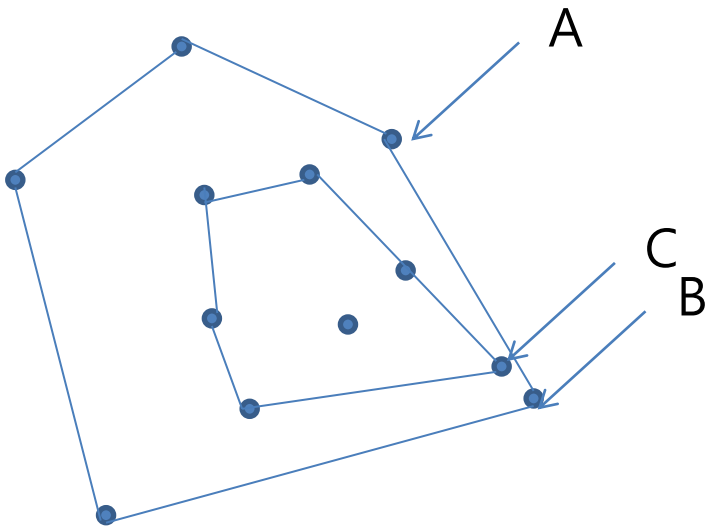


We can find a convex polygon that wrapping it



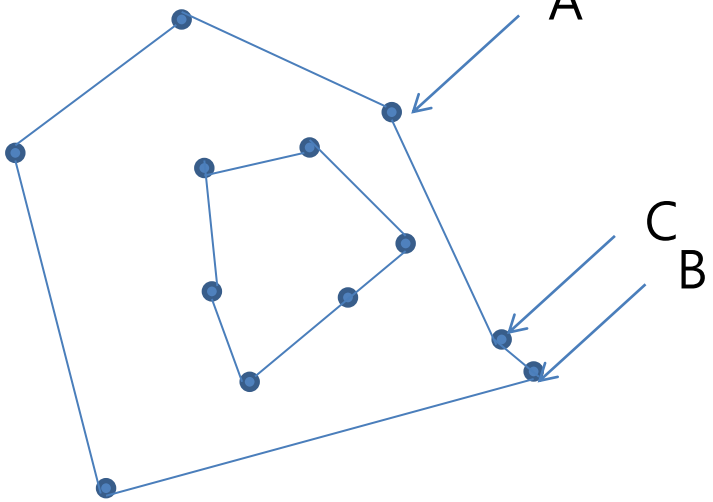


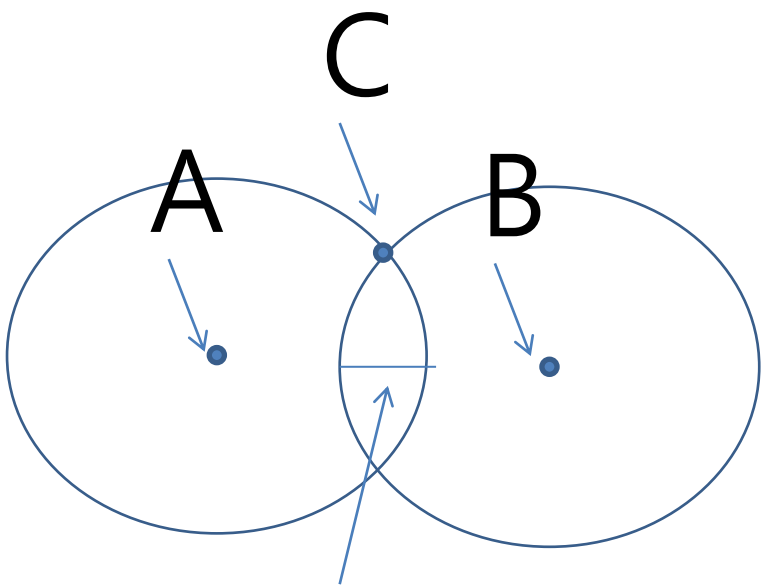
We can find convex polygon inside also



Find two adjecent points A,B of outside convex polygon, and point C of inside polygon that makes minimum

$$distance\ loss = \overline{AC} + \overline{CB} - \overline{AB}$$





$distance\ loss$

Connect A-C-B and we can find new convex polygon inside

When repeat it,
First convex polygon's circumference $+\sum distance\ loss$ =smallest route

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