Abgabe - Übungsblatt [5]

Einführung in die Computergraphik und Visualisierung

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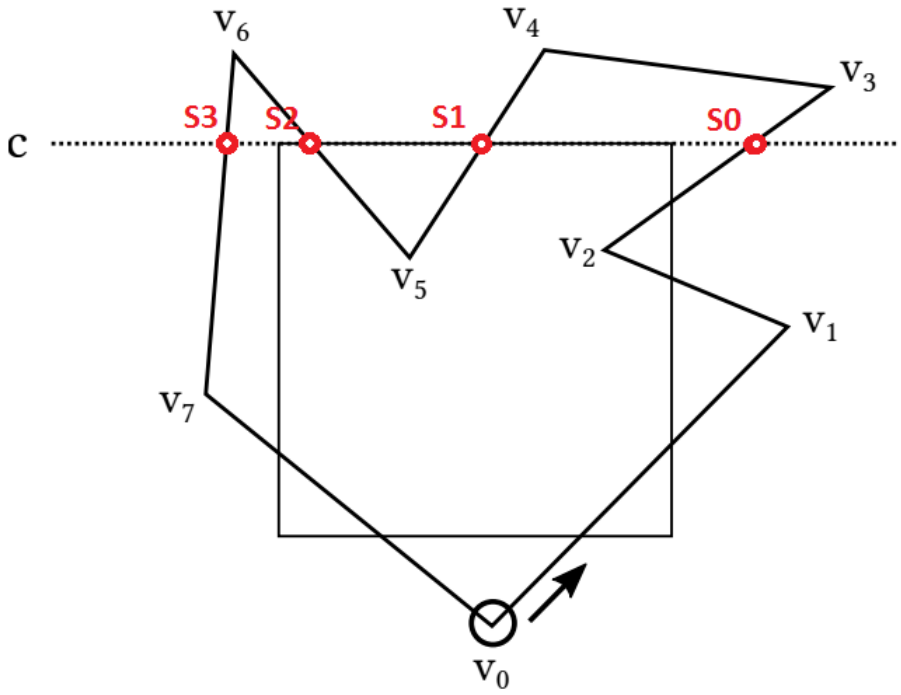
First Exercise

Pseudo-code:

```
List outputList = subjectPolygon;
  for (Edge clipEdge in clipPolygon) do
    List inputList = outputList;
    outputList.clear();
    Point S = inputList.last;
    for (Point E in inputList) do
      if (E inside clipEdge) then
        if (S not inside clipEdge) then
          outputList.add(ComputeIntersection(S,E,clipEdge));
        end if
          outputList.add(E);          else if (S inside clipEdge) then
        outputList.add(ComputeIntersection(S,E,clipEdge));
      end if
      S = E;
    done
  done
```

Second Exercise



Algorithm output: $v_0, v_1, v_2, s_0, s_1, v_5, s_2, s_3, v_7$