Mathematics Problem of the Week
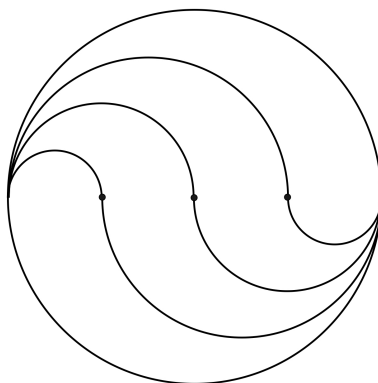
Problem Number: 286
Posted on Monday, Oct 03, 2016
Deadline: Monday, October 10, 2016 at noon

Semi-circles

Three curves divide a circle into 4 regions. What is the relationship amongst the areas of the four regions? Note that the three dots are equally spaced along a diameter of the circle and all curves are made up of semi-circles.[1]

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[1] For immediate assistance with this problem, email Asiyeh at `asiyeh.sanaei@kpu.ca` or Vicky at `siqi.wei@kpu.ca`.