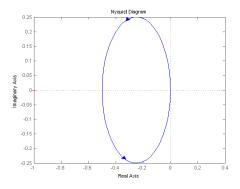
Systems and Control
Department of Information Technology
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Introduction to computer control systems: Selected exercises for the problem solving sessions Master program in embedded systems, period 2, 2011

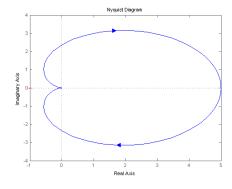
Problem solving session IX (Ex9)

1. Using the given Nyquist plots, comment the closed-loop behavior of the systems given by the following open-loop transfer functions.

(a)
$$G(s) = \frac{1}{s-2}$$



(b)
$$G(s) = \frac{10}{(s+1)(s+2)}$$



(c)
$$G(s) = \frac{s-2}{(s+1)^2}$$

