

Problem 1

Each of the following plots shows poles and zeros of an open-loop transfer function $G(s)$ with unity feedback. Sketch the root locus of the closed-loop system for $0 < K < \infty$.

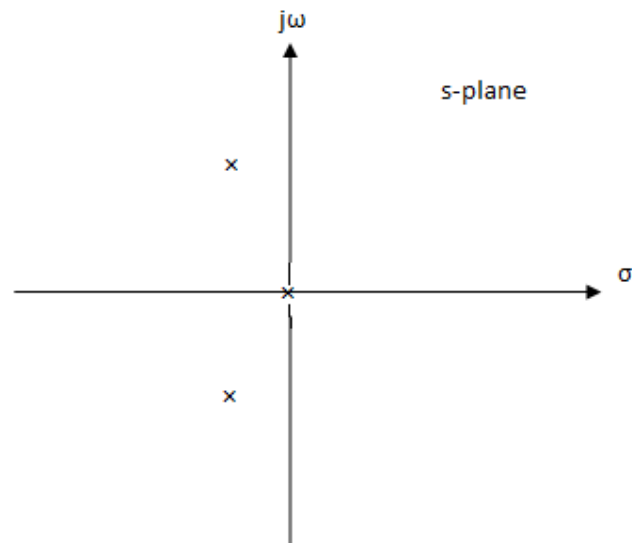


Figure 1: (a)

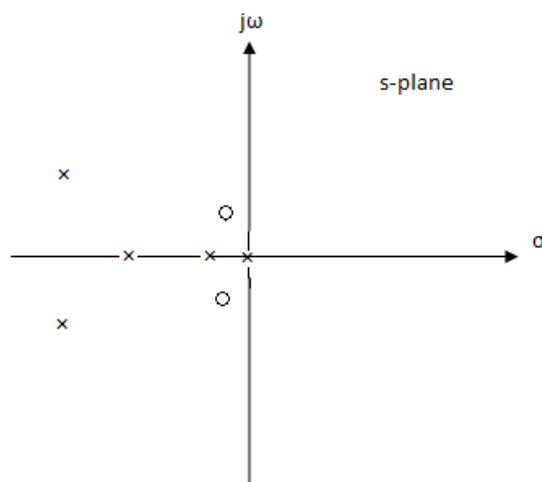


Figure 2: (b)

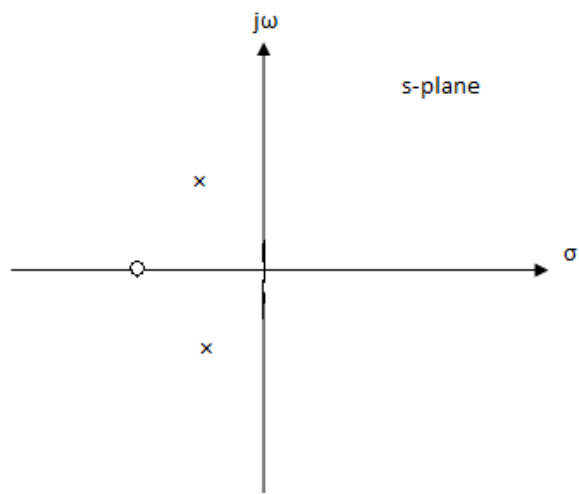


Figure 3: (c)