

Moderate

Assistant Engineer (Electrical), Class 2025

Building Department

The characteristic equation of a control system is given by $s(s + 4)(s^2 + 2s + s) + k(s + 1) = 0$. What are the angles of the asymptotes for the root loci?

A

0 , 180 , 300

B

0 , 120 , 240

C

60 , 180 , 300

Correct

D

120 , 180 , 240

Correct Answer: C

Full Detailed Explanation

Open the live question URL below to read the full explanation, related links and practice flow.

Open live question on website:

<https://sarkariresultout.com/pyq/gu/question/gpsc-ae-electrical-q203-root-locus-asymptote-angles/>