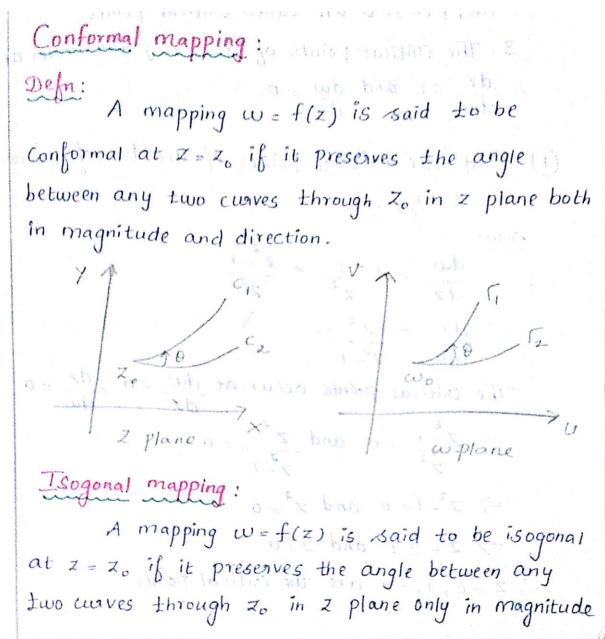


SNS COLLEGE OF TECHNOLOGY



(An Autonomous Institution)
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NAAC-UGC with 'A++' Grade (Cycle III) & COIMBATORE-641 035. TAMIL NADU

DEPARTMENT OF MATHEMATICS





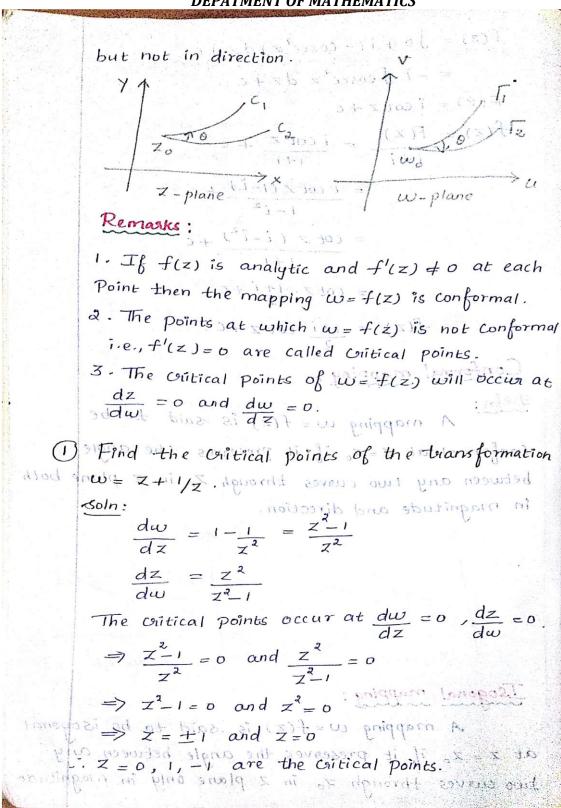


23MAT102 COMPLEX ANALYSIS AND LAPLACE TRANSFORMS

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai Accredited by NAAC-UGC with 'A++' Grade (Cycle III) & amp; Accredited by NBA (B.E - CSE, EEE, ECE, Mech & Camp; B. Tech.IT) COIMBATORE-641 035, TAMIL NADU

DEPATMENT OF MATHEMATICS







SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai Accredited by NAAC-UGC with 'A++' Grade (Cycle III) & Description of the Accredited by NBA (B.E - CSE, EEE, ECE, Mech & Description of the Accredited by NBA (B.E - CSE, EEE, ECE, Mech & Dech.IT)

COIMBATORE-641 035, TAMIL NADU

DEPARTMENT OF MATHEMATICS

Find the Critical points of
$$\omega^{2} = (z - \alpha)(z - \beta)$$
.

 $\frac{3 \circ \ln z}{2} = (z - \alpha)(z - \beta)$
 $\frac{3 \circ \ln z}{2} = (z - \alpha) + (z - \beta)$
 $\frac{3 \circ \ln z}{2} = (z - \alpha) + (z - \beta)$
 $\frac{3 \circ \ln z}{2} = (z - \alpha) + (z - \beta)$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$

The Critical points occur at $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$

The Critical points occur at $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$

The Critical points occur at $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$

The Critical points occur at $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$

The Critical points occur at $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} = \frac{3 \circ \ln z}{2}$
 $\frac{3 \circ \ln z}{2} =$