

OUTCOMES

- Apply Cauchy-Riemann equations to complex functions in order to determine whether a given continuous function is analytic (L3)
- Find the differentiation and integration of complex functions used in engineering problems (L5)
- Make use of the Cauchy residue theorem to evaluate certain integrals (L3)
- Apply discrete and continuous probability distributions (L3)
- Design the components of a classical hypothesis test (L6)
- Infer the statistical inferential methods based on small and large sampling tests (L4)