



Introduction to quasiconformal mappings

Abhishek Pandey

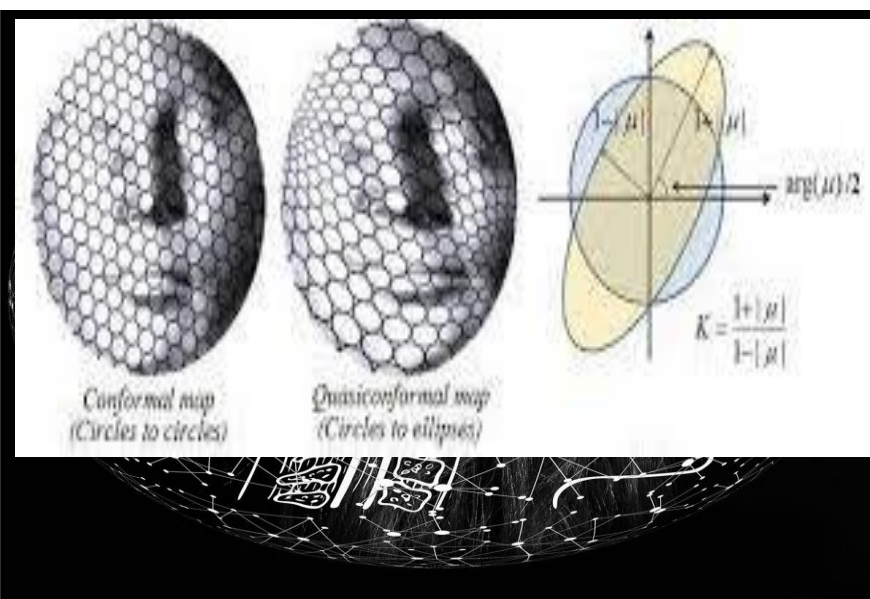
Details of the content of the module

Complex analysis

Mathematics

Online session coordinator

Will be chosen from the list of registrants



Roughly speaking conformal map preserves angle on the other hand quasiconformal map distort angle but in a controlled manner. They are the natural generalization of conformal mappings.

In this lecture series we will cover the following contents:

1. The Grotzsch approach: Diffeomorphic quasiconformal mappings
2. Conformal invariants
3. Geometric definition of quasiconformal mappings
4. Analytic definitions of quasiconformal mappings
5. Equivalence of geometric and analytic definitions
6. Some examples

Schedule of the module

The lectures will start from 17th October, 2023 and ends on 28th November, 2023. It will be on each tuesday from 6 PM to 8 PM

Meeting link : Will be shared later

[Link](#)

Contact email ID: issf.forum@gmail.com

Registration link:

<https://forms.gle/UwQ2JxEKukGqMoKcA>