1142-32-145   **Muhenned A. Abdulsahib*** (`mabdulsa@uark.edu`), AR. *Hartogs Domains and the Diederich Fornaess index*

The Diederich-Fornaess index has played a crucial role in studying regularity of the Bergman projection on pseudoconvex domains in Sobolov spaces as is shown by Kohn, Harrington, and Pinton and Zampieri. In this talk, we will discuss Diederich-Fornaess index on Hartogs domains, and its relation to other properties connected to regularity of the Bergman projection. (Received September 01, 2018)