1142-32-18 **Debraj Chakrabarti*** (chakr2d@cmich.edu) and **Sonmez Sahutoglu** (sonmez.sahutoglu@utoledo.edu). *The restriction operator on Bergman spaces.*

Let Ω be a domain in $\mathbb{C}^n$, and U an open subset of Ω. We study the analytic properties of the restriction operator from the Bergman space $A^2(\Omega)$ to the Bergman space $A^2(U)$. We are particularly interested in properties such as closed range and compactness. It turns out that the restriction operator is closely related to the Toeplitz operator on $A^2(\Omega)$ whose symbol is the the characteristic function of U, and this allows us to use methods from the theory of Toeplitz operator to answer some of the natural questions about the restriction operator. (Received July 30, 2018)