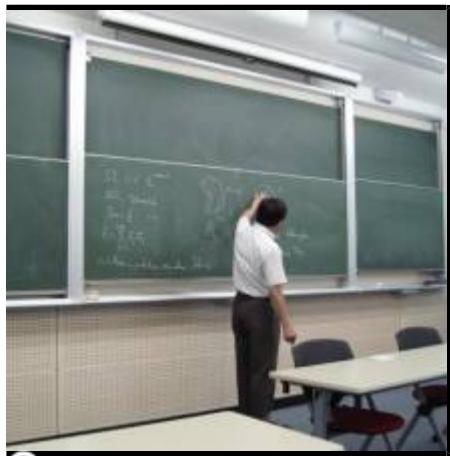


第05回

- 講演者 : **Der-Chen Chang** 氏 (ジョージタウン大学)
 - 題目 : On the $\bar{\partial}$ -Neumann Problem
 - 日時 : 平成18年6月23日 (金) 15:30～16:30

Let Ω be a bounded domain in \mathbb{C}^{n+1} with smooth boundary. One of the basic problems in several complex variables is solving the inhomogeneous Cauchy-Riemann problem in a domain Ω . The solvability of this problem depends on the geometry of the domain. Moreover, the solutions are not unique. It is interesting to find a “good solution” (which means smooth such that it is perpendicular to all holomorphic functions). In this talk, we construct a parametrix for the solving operator of this problem. Sharp estimates are therefore obtained.



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