

## 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  $\Omega$  be a bounded domain in  $\mathbb{C}^{n+1}$  with smooth boundary. One of the basic problems in several complex variables is solving inhomogeneous Cauchy-Riemann problem in a bounded domain  $\Omega$ . 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 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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28 images

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