

FIFTH MIDWEST P.D.E. SEMINAR

University of Illinois at Chicago Circle

April 21 and 22, 1979

Saturday, April 21

- 10:00-11:00 Prof. E. B. Fabes (Minnesota)₁
"Boundary Value Problems in C^1 Domains"
- 11:30-12:30 Prof. Jeff Lewis (UICG)
"Pseudodifferential Operators and Hardy
Kernels on the Half Line"
- 2:30-3:50 Prof. L. Nirenberg (Courant)
"Symmetry via the Maximum Principle"
- 4:00-5:00 Prof. E. Melrose (M.I.T.)
"Conic Points in the Characteristic Variety"

Sunday, April 22

- 9:30-10:30 Prof. L. Caffarelli (Minnesota)
"Regularity of Gas Flows Through Porous Media"
- 11:00-12:00 Prof. L. Rothschild (Madison)
"A Survey of Some Recent Results on Hypo-
ellipticity of P.D.E.'s Constructed from
Vector Fields"
- 2:00-3:00 Prof. J. Bona (Chicago)
"An Initial and Boundary Value Problem for
the KdV Equation"
- 3:30-4:30 Prof. S. Alinhac (Orsay, Purdue)
"Uniqueness in the Cauchy Problem and Strong
Uniqueness for Differential Operators"