

« ANALYSE COMPLEXE ET LA THÉORIE DU POTENTIEL » UN COLLOQUE EN L'HONNEUR DE  
PAUL M. GAUTHIER ET KOHUR GOWRISANKARAN

20–23 JUIN 2011

“COMPLEX ANALYSIS AND POTENTIAL THEORY” A CONFERENCE IN HONOUR OF  
PAUL M. GAUTHIER AND KOHUR GOWRISANKARAN

JUNE 20–23, 2011

## Bochner-Martinelli formulae in singular subvarieties

Eduardo Santillan Zeron \*

ESZeron@gmail.com

---

Bochner–Martinelli kernel and integration formulae have proved to be a corner stone in the field of several complex variables. We want to present in this lecture a simple technique for producing kernels and integration formulae in a general family of singular subvarieties, the main idea is to “push down” the Bochner–Martinelli kernel from the ambient space into the singular subvariety.

---

\*Departamento de matemáticas Cinvestav-IPN (Institut Polytechnique National) Apartado postal 14-740 07000 Mexico DF, Mexico.