DIFFERENTIAL GEOMETRY SEMINAR

MONDAY, MARCH 27
COMMUNICATIONS 226
3:45 P.M.

*** NOTE CHANGE IN ROOM ***

Complex Analysis and the Funk Transform, Part 2

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The first part of this talk will be a presentation of some of the details of the complex analysis approach discussed in Part 1. This will involve some nice concrete computations on complex projective space reducing to well-known facts in one complex variable. The second part of the talk will be a discussion of the extension of these ideas to the case of inversion of the X-ray transform in $\mathbf{R}^3$ via the Penrose transform.

To request disability accommodations, contact the Office of the ADA Coordinator, at least ten days in advance of the event: 543-6450 (voice); 543-6452 (TDD); 685-3885 (FAX); access@u.washington.edu (E-mail).