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Representations of  $SL_2(F)$  near the identity.

Abstract : Let  $F$  be a local non-archimedean field of residual characteristic  $p$  and  $R$  an algebraically closed field of characteristic  $\neq p$ . We study with Peyi Cui and Guy Henniart the irreducible admissible  $R$ -representations of  $G = SL_2(F)$  near the identity (work in progress). “There is every reason to believe that the results will have general analogues” (Labesse-Langlands 1971).