

## **abstract**

MOTIVIC COHOMOLOGY

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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By definition,  $NK_0(R)$  is  $K_0(R[t])$  modulo  $K_0(R)$ . We give a formula for this group when  $R$  is of finite type over a field of characteristic zero. The group is bigraded and determined by its typical pieces, which are the cdh cohomology groups  $H^p(R, \Omega^p)$ . We also partially answer a question of Bass by proving that if  $NK_0(R)$  and  $NK_n(R)$  vanish for all negative  $n$  then  $K_0(R) = K_0(R[t, u, v, \dots, z])$ . This is joint work with Haesemeyer and Cortinas.