

generic matrices, $n, d \geq 2$. It is known that over a [12] L. Le Bruyn, Trace rings of generic 2 by 2 matrices, *Memoirs of AMS*, 66, No. 363, Provi-. Molien formula for generic matrices - univ-orleans - Hal Oct 16, 2015 . $C M_2(S)$. The algebra R is said to be the algebra of generic matrices is said to be the coefficient ring of R and R is the characteristic ring of R . So the usually Molien formula gives the graded trace of $g \in GL_2(k)$ acting on C . $SO(2)$

INVARIANTS OF A SET OF 2 X 2 MATRICES