

AFFINGE GROUP SCHEMES 11

DEFINITION 0.1. Let G be an affine group scheme. A closed subgroup B of G is called a Borel subgroup if it is maximal solvable connected subgroup. The Cartan subgroup is the centralizer $N_G(T)$ of a maximal torus T of a Borel subgroup B . The quotient

$$W(T) = N_G(T)/Z_G(T)$$

of the normalizer $N_G(T)$ of G by the centralizer $Z_G(T)$ is called the Weyl group of G .