THE DIMENSIONS OF INVARIANT TENSOR SPACES FOR ONE CLASS OF RIEMANIANN HOMOGENEOUS SPACES

Ruslan Surmanidze
Iv. Javakhishvili Tbilisi State University, ruslan.surmanidze@tsu.ge

We considered the Manturov-Wolf spaces - Homogeneous Riemann spaces $M = G/H$, which isotropy groups are irreducible. For some from these spaces we calculated the dimensions of G-invariant tensor spaces of valences 2, 3 and 4 (see [1]).

References

1. R. M. Surmanidze, Tensor invariants and homogeneous Riemann spaces. Journal of Mathematical Sciences. November 2013, Volume 195, Issue 2, pp 245-257.