

Info

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$$U(n,\mathbb{C})\curvearrowright S^{2n-1}$$

#Wiki/group-action/Lie

 $SU(n,\mathbb{C})\curvearrowright S^{2n-1}$ is transitive with point stabilizer $SU(n-1,\mathbb{C})$.

[1]

Current note has 0 direct children and 0 total descendants.

- [stretchy](#)
 - S^n
 - $U(n,\mathbb{C})\curvearrowright S^{2n-1}$

And it has 4 siblings.

- [stretchy](#)
 - S^n
 - $O(n+,\mathbb{R})\curvearrowright S^n$
 - $U(n,\mathbb{C})\curvearrowright S^{2n-1}$
 - [Lebesgue measure on \$S^n\$](#)
 - TS^n

1. https://www-users.cse.umn.edu/~garrett/m/mfms/notes/08_homogeneous.pdf#page=1.40 ↩