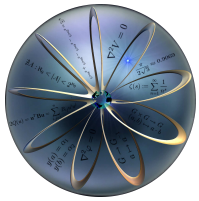

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Γ-equivariant

Canonical name	Gammaequivariant
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Let Γ be a compact Lie group acting linearly on V and let g be a mapping defined as $g\colon V \to V$. Then g is Γ-*equivariant* if

$$g(\gamma v) = \gamma g(v)$$

for all $\gamma \in \Gamma$, and all $v \in V$.
Therefore if g commutes with Γ then g is Γ-equivariant.

[**?**]

References

[GSS] Golubitsky, Martin. Stewart, Ian. Schaeffer, G. David.: Singularities and Groups in Bifurcation Theory *(Volume II)*. Springer-Verlag, New York, 1988.