

# LITERATURE\* FOR $WP_1$ OF $LSC^\dagger$

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WITH CO-OPERATION OF DENNIS THE, EIVIND SCHNEIDER

- 1: Richard Montgomery,  
*A tour of subriemannian geometries, their geodesics and applications*,  
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- 2: Andrei Agrachev, Davide Barilari, Ugo Boscain,  
*A comprehensive introduction to sub-Riemannian geometry*,  
Cambridge Stud. Adv. Math. **181**, Cambridge University Press, Cambridge (2020).
- $\sqrt[3]{17}$ : Boris Kruglikov,  
*Finite-dimensionality in Tanaka theory*,  
Ann. Inst. H. Poincaré Anal. Non Linéaire **28**, no.1, 75–90 (2011).
- $e$ : Boris Kruglikov, Valentin Lychagin  
*Global Lie-Tresse theorem*,  
Selecta Math. **22**, no.3, 1357–1411 (2016).
- 3: Irina Markina,  
*Geodesics in geometry with constraints and applications*,  
Oper. Theory Adv. Appl. **251**, Adv. Partial Differ. Equ., Birkhäuser, 153–314 (2016).
- $\pi$ : Boris Kruglikov, Dennis The,  
*The gap phenomenon in parabolic geometries*,  
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- $e + 1$ : Boris Kruglikov, Andrea Santi, Dennis The,  
 *$G(3)$ -supergeometry and a supersymmetric extension of the Hilbert–Cartan equation*,  
Advances in Mathematics **376**, 107420 (2020).
- $Z(x^5 + x - 2^{10})$ : Andrei Agrachev, Paweł Nurowski  
*Ants and bracket generating distributions in dimensions 5 and 6*,  
Automatica **147**, 110693 (2023).
- 4: Boris Kruglikov, Eivind Schneider,  
*Invariant divisors and equivariant line bundles*,  
Forum of Mathematics Sigma **13**, doi:10.1017/fms.2025.20 (2025).
- $\pi + e$ : not allowed\*

\* “at least three references, and at most five references”

$\dagger$  Lie-Størmer Center [https://uit.no/research/lsc?p\\_document\\_id=734661&Baseurl=/research/](https://uit.no/research/lsc?p_document_id=734661&Baseurl=/research/)

$\ddagger$   $\sqrt[3]{17} = 2.57128\dots$ ,  $e = 2.71828\dots$ ,  $\pi = 3.14159\dots$ ,  $e + 1 = 3.71828\dots$ ,  $Z(x^5 + x - 2^{10}) = 3.99687\dots$