Geometric (discrete) controllability for control-affine systems

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Controllability of control systems has been widely studied due to the difficulty to be determined for control systems. In fact, it has been identified as a NP-problem [1]. In this talk we will focus on control-affine systems and describe some approaches to characterize local controllability for some families of control systems, both in the continuous [2] and the discrete setting [3], using some particular families of vector fields.

References:

