ゼミノート #12

Quotients of Algebraic Spaces

七条彰紀

2019年8月3日

目次

Notes on Topology 1.1 Submersive Morphism	
Quotients 2.1 Definitions	2
1 Notes on Topology 1.1 Submersive Morphism 1.2 Constructible Topology 2 Quotients 2.1 Definitions 定義 2.1 (equivariant morphism)	

定義 2.2 (j, j_Y)

stabilizer はまたの機会に定義する.

Zariski quotient Constructible quotient Topological quotient Strongly topological quotient Geometric quotient Strongly geometric quotient

定義 2.3 (universal, uniform quotient)

注意 2.4

geometric quotient in [1]

•

2.2 Propositions: Paraphase

参考文献

[1] David Mumford, John Fogarty, and Frances Kirwan. Geometric Invariant Theory (Ergebnisse der Mathematik und ihrer Grenzgebiete 34). Springer-Verlag, 3rd ed. edition, 1992.