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タイトル TITLE	The homotopy type of spaces of resultants and related topics (レゾルタントのホモトピー型と関連する話題について)		
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For positive integers d, m, n with $(m, n) \neq (1, 1)$ let $Poly_n^{d,m}$ denote the space of m -tuples $(f_1(z), \dots, f_m(z))$ of complex monic polynomials of the same degree d such that they have no common root of multiplicity $\geq n$. When $m = 1$ or $n = 1$, the homotopy type of it was already well studied. In this talk we study its the homotopy type for $m > 1$ and $n > 1$ and try to consider the generalization of the results due to G. Segal and V. Vassiliev. This talk is based on the joint work with A. Kozłowski (University of Warsaw).