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On the topological filtration for generalized Severi-Brauer varieties

For a generalized Severi-Brauer variety X and its corresponding central simple algebra A , the Grothendieck group $K_0(X)$ can be described via combinatorial data related to the index and exponent of A . In this talk, we consider how this data relates to the topological filtration of $K_0(X)$ and to the Chow group of X . This is part of ongoing work with Nicole Lemire and Daniel Krashen.