1067-05-1274 Karen A Yeats\* (karen\_yeats@sfu.ca), Department of Mathematics, Simon Fraser University, 8888 University Dr., Burnaby, BC V5A 1S6, Canada. Patterns in denominators of Feynman integrals.

We now know of a number of identities of denominators of Feynman integrals after doing some (typically six) parametric integrations. I will present some of these identities from a combinatorial perspective, and discuss the connections they suggest to knot theory and matroids. (Received September 20, 2010)