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## Anomalies and symmetric mass generation for staggered fermions

*Wednesday 28 July 2021 21:45 (15 minutes)*

I discuss symmetric mass generation (SMG) and its relevance to the problem of constructing lattice chiral fermions. A necessary condition for SMG is the cancellation of certain discrete anomalies which constrain the number of fermions to multiples of sixteen. I give some examples of models based on reduced staggered fermions that are capable of SMG.

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