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## A Catalogue of Hadronic Axion Models

I will report on or recent results on creating catalogues of hadronic, aka KSVZ, axion models. In particular, when phenomenological selection criteria are taken into account, we find a finite number of possible anomaly ratios  $E/N$ , and hence a finite number of hadronic axion models at any given mass. The number of different  $E/N$  values is between 12 and 820, depending on the amount of freedom allowed for charge assignments. I will comment on the ensuing distributions of the axion-photon coupling and the consequences for the detection of hadronic axion models. [arXiv:2107.12378]

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