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University of Oxford, Woodstock Road, Oxford, OX2 6GG, United Kingdom. *A Tour of Group  
Generalisations of the 1920s and 1930s.*

The process of generalisation in mathematics sometimes gets a bad press owing to the presence in the literature of many an ill-motivated ‘generalisation for generalisation’s sake’. However, a number of different generalisations of the group concept emerged in the 1920s and 1930s, each designed to solve a particular problem. Although not all of these newly defined objects went on to receive broader study, they are nevertheless good examples of well-motivated generalisation. I will give a survey of a selection of these, and point out some of their interesting interconnections. (Received August 25, 2016)