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Zekeriya Yalcin Karatas* (karatazy@ucmail.uc.edu), Department of Mathematics, Physics, and Computer Science, Blue Ash, OH 45236. *Groups Whose Proper Subgroups Satisfy Certain Conditions.*

One of the famous and well-known problems in the area of group theory is determining the structure of groups whose proper subgroups satisfy certain conditions. Many group theorists studied these types of problems including Dedekind and Baer. The types of conditions used for the subgroups were generalized more and increased by time which made these problems attractive and challenging. In this talk, the history of these type of problems including the most significant results and some open problems will be presented. Recent studies that have been done in this area will be presented as well. (Received August 17, 2019)