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Keith Kearnes, Benoit Larose* (blarose@lacim.ca), **Barnaby Martin** and **Ágnes Szendrei**. *QCSPs on finite groups*. Preliminary report.

We investigate the computational complexity of deciding, for a fixed finite group \mathbf{G} , the validity of sentences of the form

$$\forall y_1 \exists x_1 \cdots \Phi$$

where Φ is a system of equations over \mathbf{G} (with or without constants). As a byproduct of our study, we present various structure results on group homomorphisms. (Work in progress) (Received September 13, 2019)