

# Calculating the Frattini subgroup of a polycyclic group

*Thursday, 10 March 2022 11:30 (30 minutes)*

We present a novel, practical method to determine the Frattini subgroup of a polycyclic group. This method is based on new theoretical investigations about complements and module structure of elementary abelian sections in polycyclic groups. We have implemented our method in GAP and include a discussion of this implementation.

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**Session Classification:** Vorträge 1