The Covering Number of Finite Rings

— Houssein El Turkey
Department of Mathematics and Physics
University of New Haven

Abstract:
The minimum number of proper subrings needed to cover a ring $R$ is called the covering number of $R$. In this presentation, we compute the covering number of certain finite rings. When the ring is not coverable, we provide an element that generates the whole ring.

Further Information
For further information, please contact Angie Domschine at the Department of Mathematics and Physics, Office: Maxcy 204, 203-932-7250, ADomschine@newhaven.edu.