

Willemite-based glass ceramic doped by different percentage of erbium oxide and Ssntered in temperature of 500-1100C: physical and optical properties

Sarrigani, Gholamreza Vahedi, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20509430&lokasi=lokal>

Abstrak

This book investigates the effect of sintering temperature on willemite based glass-ceramic doped with different content of Er_2O_3 . It is the first to report research on producing willemite by using waste materials and using trivalent erbium (Er^{3+}) as a dopant. This book provides a survey of the literature on glass and glass-ceramic, while comprehensive experiments and analysis have been performed on the material used.