## CALCULATED PHOTOEMISSION SPECTRUM OF MgB<sub>2</sub> THIN FILM

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Photoemission spectrum of thin-film superconducting  $MgB_2$  has been calculated by the linearized augmented plane-wave method. It has been established that the main features of the spectrum are derived from *p*-states of boron atoms. On the basis of obtained results, correct interpretation of experimental spectra was performed.