

Corrigendum to the Manuscript Entitled “Elastic, Optoelectronic and Thermal Properties of Boron Phosphide” [*J. Nano- Electron. Phys.* 5 No 4, 04061 (2013)]

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We would like to correct some inaccuracies in our previous manuscript entitled “Elastic, Optoelectronic and Thermal Properties of Boron Phosphide” [*J. Nano- Electron. Phys.* 5 No 4, 04061 (2013)].

**Keywords:** Melting temperature.

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In our previous work “Elastic, Optoelectronic and Thermal Properties of Boron Phosphide” [*J. Nano- Electron. Phys.* 5 No 4, 04061 (2013)] [1], we made an error during the calculation of the melting temperature  $T_m$  for cubic zinc-blende (B3) boron phosphide (BP) semi-conducting compounds using the expression:

$$T_m = 533 + (591/\text{Mbar}) C_{11} \pm 300\text{K} . \quad (1)$$

The numerical value of the melting temperature  $T_m$  for BP compound was found as  $T_m = 2641.69 \pm 300$  K.

Unfortunately, the expression of Eq. (1) contains an error. The correct formula of the expression of Eq. (1) is given as follows [2-4]:

$$T_m = 553 + (591/\text{Mbar}) C_{11} \pm 300\text{K} . \quad (2)$$

So, using Eq. (2), the correct value of  $T_m$  for (B3) BP compound becomes  $T_m = 2661.69 \pm 300\text{K}$ .

The authors would like to apologies for any inconvenience caused.

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