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A. Bafekry ; M. Faraji; M. M. Fadlallah ; I. Abdolhosseini Sarsari ; H. R. Jappor ; S. Fazeli; M. Ghergherehchi

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A. Bafekry,[1,a] M. Faraji,[2] M. M. Fadlallah,[3] I. Abdolhosseini Sarsari,[4,b] H. R. Jappor,[5] S. Fazeli,[6] and M. Ghergherehchi[7,c]

AFFILIATIONS

[1]Department of Radiation Application, Shahid Beheshti University, Tehran, Iran
[2]Micro and Nanotechnology Graduate Program, TOBB University of Economics and Technology, Sogutozu Caddesi No 43 Sogutozu, 06560 Ankara, Turkey
[3]Department of Physics, Faculty of Science, Benha University, 13518 Benha, Egypt
[4]Department of Physics, Isfahan University of Technology, Isfahan 84156-83111, Iran
[5]Department of Physics, College of Education for Pure Sciences, University of Babylon, Hilla, Iraq
[6]Department of Material Science and Engineering, Sharif University of Technology, PO Box 11155-9466, Tehran, Iran
[7]Department of Electrical and Computer Engineering, Sungkyunkwan University, 16419 Suwon, South Korea

[a]Electronic address: bafekry.asad@gmail.com
[b]Author to whom correspondence should be addressed: i.abdolhosseini@gmail.com
[c]Electronic address: mitragh@skku.edu

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The original article[1] contains misprints in the values of the elastic parameters. The values of $C_{11} = 258.6$ GPa, $C_{22} = 290.8$ GPa, and $C_{12} = 70.73$ GPa and $C_{13} = C_{23} = 2.49$ GPa, $C_{33} = 9.05$ GPa, $C_{44} = 25.86$ GPa, $C_{55} = 2.90$ GPa, and $C_{66} = 3.08$ GPa. The calculated Young's modulus is 362.9 GPa. Other elastic constants that are related to the uniaxial elastic constant along the z-axis are found to be very small (due to the box of the unit cell), which shows that the interactions along the z-axis are minimized. It behaves as perfect 2D structures. All the other results and conclusions from the original article remain the same.

[1]A. Bafekry, M. Faraji, M. M. Fadlallah, I. Abdolhosseini Sarsari, H. R. Jappor, S. Fazeli, and M. Ghergherehchi, "Two-dimensional porous graphitic carbon nitride C_6N_7 monolayer: First-principles calculations," Appl. Phys. Lett. **119**, 142102 (2021).

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