

Table 1: Nanotubos Zigzag

| $(n, m)$ | $d_t^{teo}()$ | $d_t^{sim}()$ | $P_c(GPa)$ | $B_o(GPa)$ | $\frac{\Delta V}{V_o}$ |
|----------|---------------|---------------|------------|------------|------------------------|
| (10,0)   | 7, 82         | 7, 91         | 15, 38     | 286, 37    | 0, 21991               |
| (11,0)   | 8, 61         | 8, 68         | 10, 16     | 232, 39    | 0, 24168               |
| (12,0)   | 9, 39         | 9, 46         | 7, 57      | 248, 29    | 0, 30513               |
| (13,0)   | 10, 17        | 10, 23        | 5, 63      | 195, 86    | 0, 33622               |
| (14,0)   | 10, 96        | 11, 00        | 4, 18      | 176, 76    | 0, 37513               |
| (15,0)   | 11, 74        | 11, 78        | 3, 36      | 149, 41    | 0, 38173               |
| (16,0)   | 12, 52        | 12, 56        | 2, 21      | 117, 89    | 0, 41352               |
| (17,0)   | 13, 30        | 13, 34        | 2, 02      | 114, 09    | 0, 45192               |
| (18,0)   | 14, 09        | 14, 11        | 1, 40      | 115, 12    | 0.36930                |
| (19,0)   | 14, 87        | 14, 89        | 1, 01      | 126, 14    | 0.36815                |
| (20,0)   | 15, 65        | 15, 67        | 1, 18      | 127, 59    | 0.50811                |