

## Erratum

In Section 3.6.2 "Adsorption of molecular hydrogen isotopes on graphite and BN" in part 3 of the Volume 42 "Physics of Covered Solid Surfaces", Subvolume A "Adsorbed Layers on Surfaces" the following erratum occurred:

Table 26 was missing.

**Table 26.** Structure data for D<sub>2</sub> and H<sub>2</sub> multilayers adsorbed on graphite. The table contains total coverages  $\rho$  (in units of the complete  $(\sqrt{3} \times \sqrt{3})$  R30° structure), particle areal densities per layer,  $n$ , and lattice parameters ( $a$ ,  $b$ ,  $\alpha$ ) of the completed layers 1 - 3. D<sub>2</sub> adopts a common oblique bi- or trilayer structure beyond layer 1 or 2, respectively, while for H<sub>2</sub> this behavior is shifted by about one layer upwards. Data obtained by neutron-diffraction (ND) are from Ref. [91Wie1] and data from LEED are from Ref. [93Liu2]. For comparison, also values for the bulk solids in hcp structure are given [77Nie, 80Nie1].

| System                        | Layer | $\rho$         | $n$ [Å <sup>-2</sup> ] | $a$ [Å]        | $b$ [Å]        | $\alpha$         | Method |
|-------------------------------|-------|----------------|------------------------|----------------|----------------|------------------|--------|
| D <sub>2</sub> /graphite      | 1     | 1.551          | 0.099                  | 3.415          | 3.415          | 60°              | ND     |
|                               | 2     | 2.921          | 0.0932                 | 3.584          | 3.325          | 64.2°            | ND     |
|                               | 2     |                |                        | 3.56<br>± 0.09 | 3.33<br>± 0.05 | 63.5°<br>± 0.65° | LEED   |
|                               | 3     | 4.317          | 0.0918                 | 3.554          | 3.380          | 65.04°           | ND     |
| 3D solid (hcp) D <sub>2</sub> |       |                | 0.09065                | 3.569          | 3.569          | 60°              |        |
| H <sub>2</sub> /graphite      | 1     | 1.473          | 0.094                  | 3.505          | 3.505          | 60°              | ND     |
|                               | 2     | 2.71<br>± 0.03 | 0.0865<br>± 0.001      | 3.76<br>± 0.05 | 3.37<br>± 0.02 | 65.3°<br>± 0.6°  | ND     |
|                               | 3     | 3.95<br>± 0.03 | 0.084<br>± 0.001       | 3.74<br>± 0.04 | 3.47<br>± 0.02 | 66.8°<br>± 0.5°  | ND     |
| 3D solid (hcp) H <sub>2</sub> |       |                | 0.08233                | 3.745          | 3.745          | 60°              |        |