

| Quantenzahlen |        |           | Term-<br>bezeichnung |
|---------------|--------|-----------|----------------------|
| $n$           | $\ell$ | $\lambda$ |                      |
| 1             | 0      | 0         | $1s\sigma$           |
| 2             | 0      | 0         | $2s\sigma$           |
| 2             | 1      | 0         | $2p\sigma$           |
| 2             | 1      | 1         | $2p\pi$              |
| 3             | 2      | 0         | $3d\sigma$           |
| 3             | 2      | 2         | $3d\delta$           |