

List of symbols

| Symbol | Description |
|----------------------|---------------------------------|
| \AA | Angstrom (10^{-10} m) |
| E_g | Electronic band gap |
| h-BN | Hexagonal boron nitride |
| τ | Relaxation Time |
| S | Seebeck coefficient |
| σ | Electrical conductivity |
| κ_{el} | Electronic thermal conductivity |
| ZT | Figure of merit |
| ρ | Electron density |
| \hat{H} | Hamiltonian |
| E | Energy |
| Ψ | Wave function |
| ϕ_i | Kohn -Sham orbital |
| eV | Electron Volt |
| μ | Mobility |
| η | Efficiency |
| V_{OC} | Open circuit voltage |
| I_{SC} | Short circuit voltage |
| m^* | Effective mass |
| T | Temperature |