# The CECAM electronic structure library and the modular software development paradigm

**URL:** https://aip.scitation.org/doi/abs/10.1063/5.0012901

**Authors:** Oliveira, Micael / Papior, Nick / Pouillon, Yann / Blum, Volker / Artacho, Emilio / Caliste, Damien / Corsetti, Fabiano / de Gironcoli, Stefano / Elena, Alin / García, Alberto / García-Suárez, Victor / Genovese, Luigi / Huhn, William / Huhs, Georg / Kokott, Sebastian / Küçükbenli, Emine / Larsen, Ask / Lazzaro, Alfio / Lebedeva, Irina / Li, Yingzhou / López-Durán, David / López-Tarifa, Pablo / Lüders, Martin / Marques, Miguel / Minar, Jan / Mohr, Stephan / Mostofi, Arash / O'Cais, Alan / Payne, Mike / Ruh, Tomas / Smith, Daniel / Soler, Jose / Strubbe, David / Tancogne-Dejeam, Nicolas / Tildesley, Dominic / Torrent, Marc / Yu, Victor

**Research Lines:** Ab-Initio Electronic Structure Methods

**Publication:** The CECAM electronic structure library and the modular software development paradigm

**Volume / Number / Pagination:** 153 / 2 / 024117

Barcelona Supercomputing Center - Centro Nacional de Supercomputación