pglib\_opf\_case24\_ieee\_rts: Optimality gap  $100 imes \left| \frac{f_{nl}^* - f_{socp}^*}{f_{nl}^*} \right| = 0.001\%$ , nl-MATPOWER (MIPS), socp-IPOPT Status message: b'Algorithm terminated successfully at a locally optimal point, satisfying the convergence tolerances (can be specified by options).'

