Theorem: Let $\varepsilon > 0$ be given. Then $\exists\ \delta > 0$ such that choosing D_2 as a δ-net of S^n, we get an ε-approximation of conv(F) in

$$O\left(\frac{n^2\, \bar{\vartheta}_{lip}^{\,2}\, (\mathrm{diam}(C_0))^6}{\varepsilon^4} \ln\left(\frac{\bar{\vartheta}_{lip}\, (\mathrm{diam}(C_0))^2}{\varepsilon\ \mathrm{diam}(F)}\right)\right)$$

SSILP

$$O\left(\frac{n^2\, \bar{\vartheta}_{lip}^{\,2}\, \bar{\vartheta}_{nc}^{\,2}\, (\mathrm{diam}(C_0))^6}{\varepsilon^4} \ln\left(\frac{\bar{\vartheta}_{lip}\, (\mathrm{diam}(C_0))^2}{\varepsilon\ \mathrm{diam}(F)}\right)\right)$$

SSDP

major iterations.