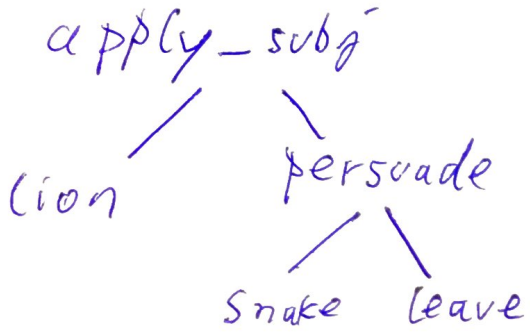
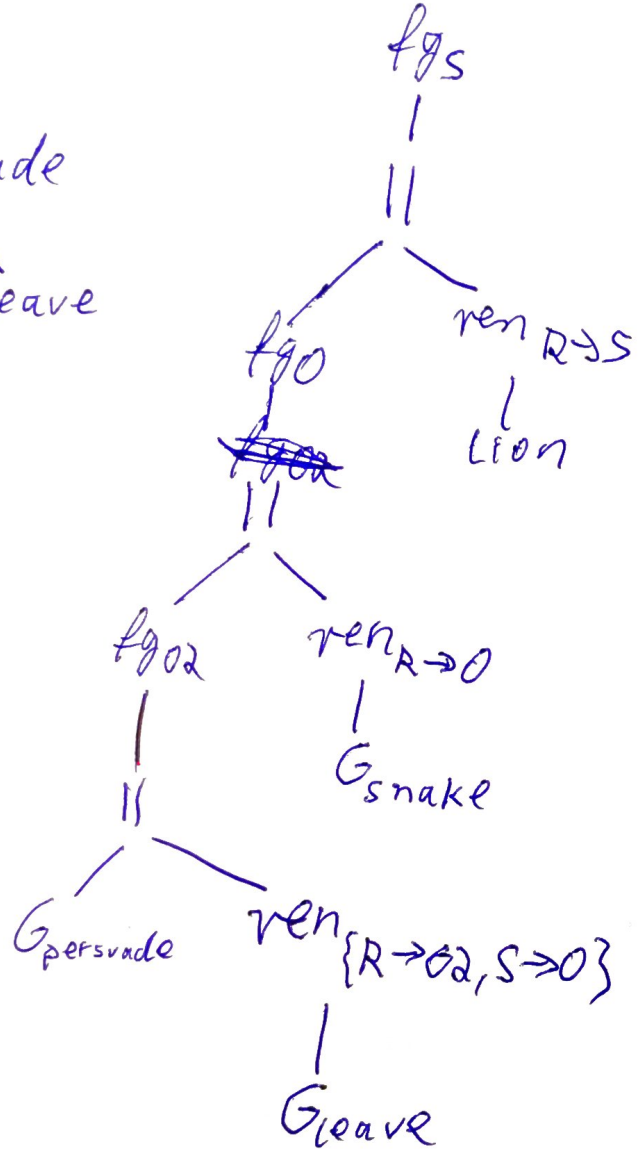
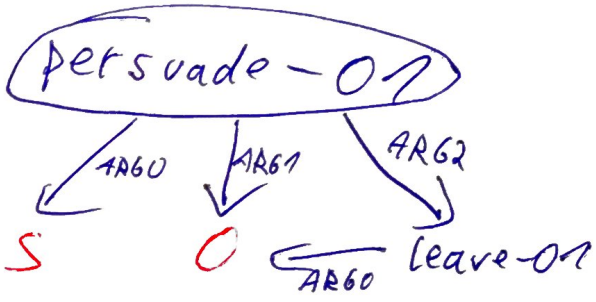


a) derivation tree



b) HR term



c) partial result of $fg_{O2}(G_{persuade} \,||\, ren_{\{R\to O2, S\to O\}}(G_{snake}))$