<:lon label::String <:VibrationalMode mass::Real label::String selected\_level\_structure::OrderedDict{String,NamedTuple} v::Real selected\_matrix\_elements::OrderedDict{Tuple,Function} <:RotationalMode δv::Function stark shift::OrderedDict{String,Real} N::Int not implemented level\_structure::OrderedDict{String,NamedTuple} mode\_structure::Vector{Real} matrix elements::OrderedDict{Tuple,Function} basis::FockBasis basis::NLevelBasis axis::NamedTuple{(:x,:y,:z)} number::Int position::Real <:Laser linearchain <: lonConfiguration label::String ring <: IonConfiguration E::Function label::String Δ::Real ions::Vector{Ion} e::NamedTuple{(:x,:y,:z)} com\_frequencies::NamedTuple{(:x,:y,:z)} k::NamedTuple{(:x,:y,:z)} vibrational\_modes::NamedTuple{(:x,:y,:z),Tuple{Vector{vibrational\_mode}}}}) not implemented φ::Function full\_normal\_mode\_description::NamedTuple{(:x,:y,:z)} λ::Real

## <:Trap

pointing::Vector{Tuple{Int,Real}}

label::String

configuration::<:lonConfiguration

B::Function

Bhat::NamedTuple{(:x,:y,:z)}

 $\nabla B$ ::Real  $\delta B$ ::Function

lasers::Array{Laser}