```
pyecom.algorithms.metaheuristics.base
    _metaheuristic.BaseMetaheuristic
    +        n_iter
    +        iter_tolerance
    +        epsilon_tolerance
    +        pop_size
    +        pop_dim
    +        __init__()
```

```
pyecom.algorithms.metaheuristics.hyde
             _df.HydeDF
    +      lower_bound
    +      upper_bound
    +      initial_f_weight
    +      initial_f_cr
    +      f_weight
    +      f_cr
    +      fvr_rotation
    +      population
    +      population_fitness
    +      population_old
           and 13 more...
    +      __init__()
    +      initialize()
    +      get_best()
    +      update_population()
    +      selection_mechanism()
    +      post_update_cleanup()
    +      check_stopping_criteria()
    #      _generate_population()
    #      _update()
    #      _initial_check()
    #      _calculate_linear_decrease()
    #      _operator()
    #      _update_hyde_params()
```