API Documentation

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May 14, 2018

Contents

1 Module GUI.ModelTree

1.1 Variables

Name	Description
___package___	**Value:** `'GUI'`

1.2 Class ModelTree

object ┐
        └─ **GUI.ModelTree.ModelTree**

1.2.1 Methods

___init___(*self*, *config_file*=`'mctdh.config'`, *sys_file*=`'CH3g1.txt'`)

x.___init___(...) initializes x; see help(type(x)) for signature

Overrides: object.___init___ extit(inherited documentation)

---

getBottomlayer(*self*)

Get the bottom nodes

---

getPhysCoord(*self*)

get the Modes of the pys. Coordinates

---

nlayer(*self*, *i*)

Recursion function that goes from the i-th node up to the top layer of the tree

---

getLayerMatr(*self*)

Takes all bottom nodes and returns for each a list of the path to the top node

---

modeToGetLayer(*self*)

Combines layer_matr with mode_list

---

get_SPFs(*self*)

get the SPFs of each Node

Inherited from object

       ___delattr___(), ___format___(), ___getattribute___(), ___hash___(), ___new___(),
       ___reduce___(), ___reduce_ex___(), ___repr___(), ___setattr___(), ___sizeof___(),

___str___(), ___subclasshook___()

1.2.2   Properties

Name	Description
Inherited from object	
___class___	

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