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sandipan_dey ~

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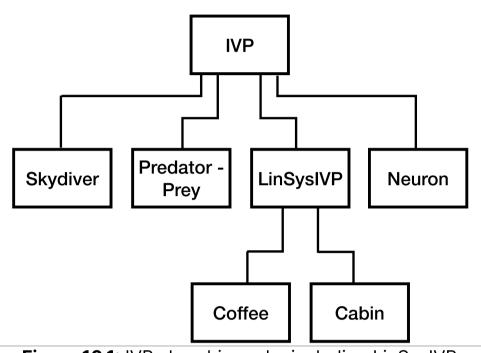
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10.3.1 Implementation and application				
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MO2.3 MO2.8

Next, we further evolve our IVP class hierarchy by introducing LinSysIVP, a new IVP subclass specifically for IVPs governed by linear systems. The resulting hierarchy will have the structure shown in Figure 10.1, in which IVPs modeled with linear system will be derived from the LinSysIVP class, which in turn is derived from the IVP base class.



Discussions

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inheriting from IVP vs LinSysIVP Why are Skydiver, Neu m_powers

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[STAFF] transcript corrections That said, though, there m_powers

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Figure 10.1: IVP class hierarchy including LinSysIVP Collowing video, we discuss the implementation of LinSysIVP and illustrate its use with the two-room

cabin example described in Section 10.1.4. The **eg**lowing are key points of the video:

About

Affiliasewe've discussed before, a method implemented edXiftoa Bubiclass "hides" the method of the same name Opein & that the superclass, which means that the superclass Carenethod will not be called when the method is Newinvoked. For example, the LinSysIVP.__init__

method hides IVP.__init__.

 super() is a builtin Python function which accesses Terms of Service & Honor Codess from which the Privacy Policy is derived. This function is used in Accessibility Policy init_ to execute the constructor of Trademark Policy its IVP superclass, specifically through the call Sitemap super().__init__ Cookie Policy

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The abstract function evalf of the IVP base class is

which must be defined in its subclasses. An Help Center security example of this is shown in the Cabin2IVP in solve_cabin2_lin.py

now defined in LinSysIVP. Connect • LinSysIVP introduces two new abstract functions, Blog specifically LinSysIVP.calcA and LinSysIVP.evalb Contact Us







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