







ersiteit Leiden	Types of modelling	
our focus	Qualitative	Quantitative
Predictive	 Fair level of realistic detail targeted at providing detailed <i>insight</i> in changes in behaviour or <i>optimal control</i> 	 In silicon version of reality used to predict development of a system with appropriate accuracy all relevant processes must be known in detail
Explorative	 ('Toy models') (Highly) simplified system view targeted at <i>understanding</i> particular aspects of the system 	 Fair level of realistic detail targeted at <i>discovering</i> detailed realistic structure of the system
Sander Hille	e Spring semes	ster 2019 Metabolic Nw. An























































