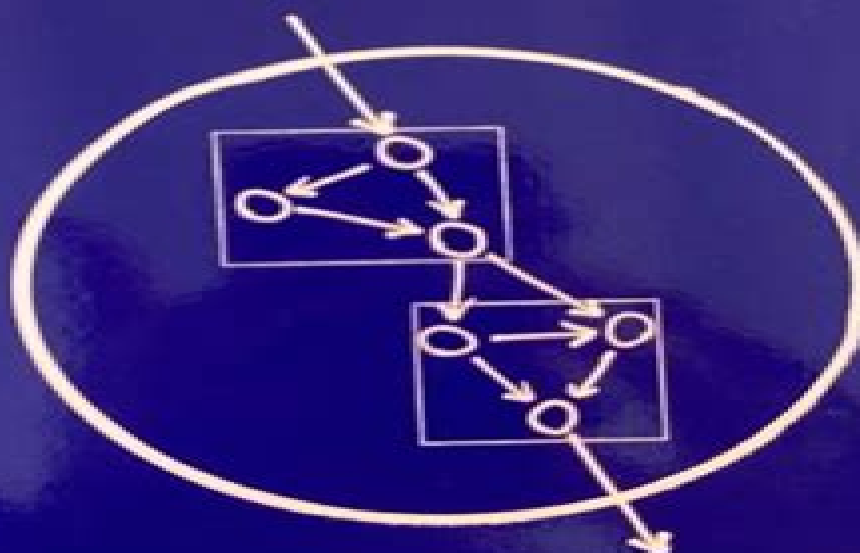


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element modeling system biology modeling for drug optimization artificial intelligence approach for medical image processing as well as pharmacokinetic and AI modeling Part II provides use cases to describe how in silico clinical trials of cardiovascular disease are applied to specific cardiovascular diseases carotid artery plaque modeling aorta stenosis modeling stent biodegradation modeling surrogate AI model for left ventricle modeling and more This book is geared toward upper level undergraduate and graduate students as well as for researchers in the domains of bioengineering biomechanics biomedical engineering and medicine

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