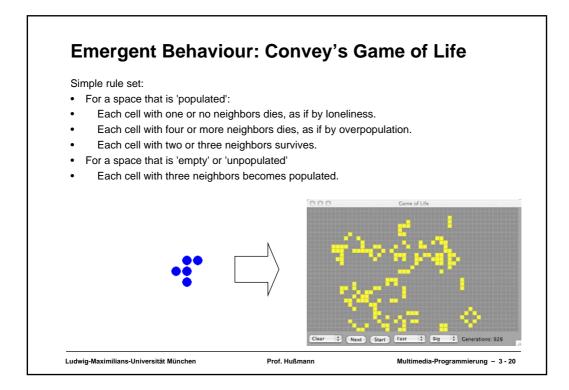
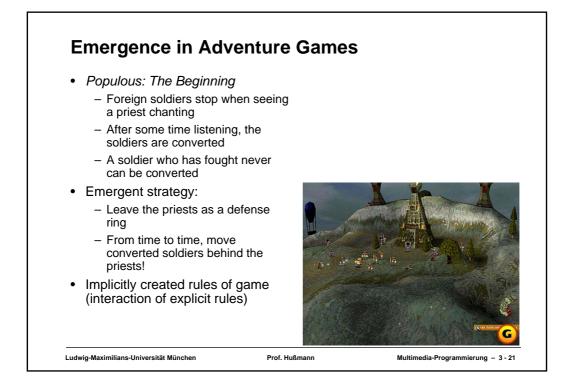
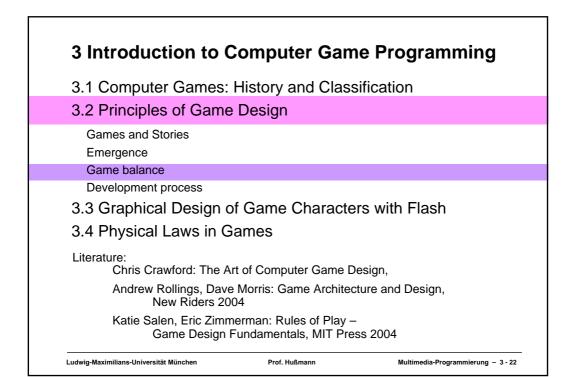
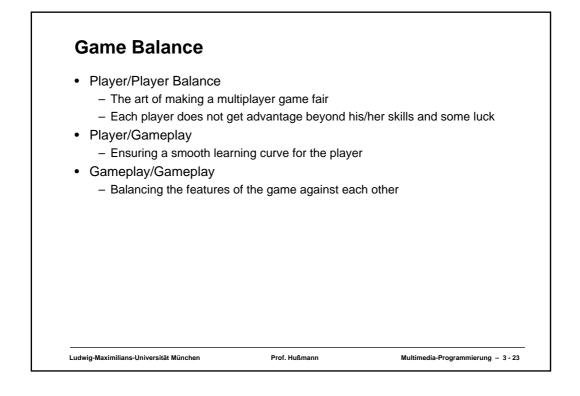


3 Introduction to C	Computer Gam	e Programming
3.1 Computer Games:	History and Class	ification
3.2 Principles of Game	e Design	
Games and Stories		
Emergence		
Game balance		
Development process		
3.3 Graphical Design c	of Game Characte	rs with Flash
3.4 Physical Laws in G	ames	
Literature:		
Chris Crawford: The A	rt of Computer Game D	esign,
Andrew Rollings, Dave New Riders 20	e Morris: Game Architec 04	ture and Design,
	nerman: Rules of Play – Fundamentals, MIT Pres	
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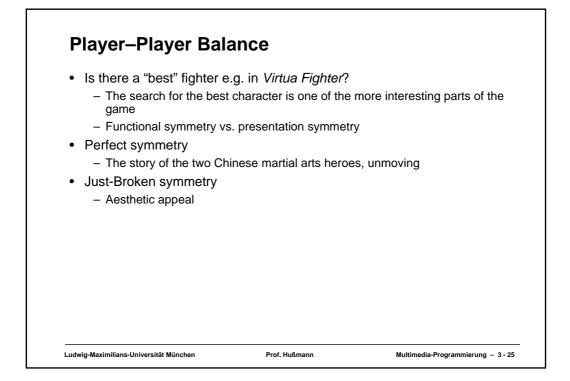


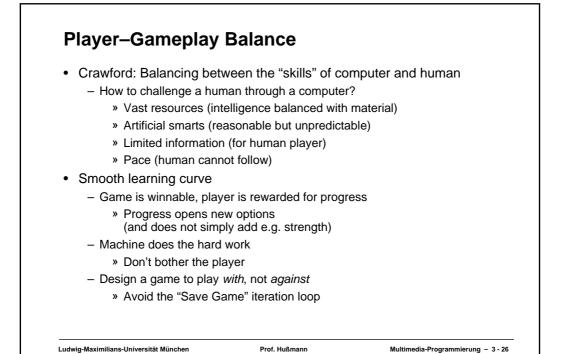


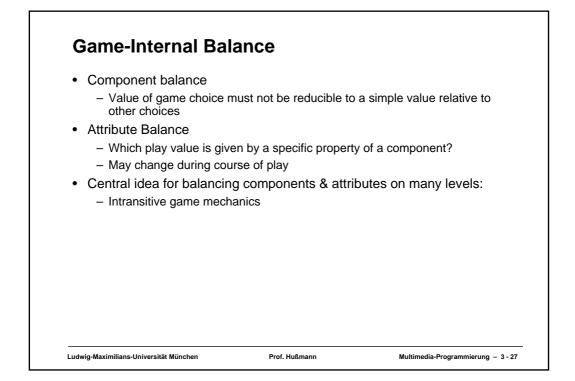


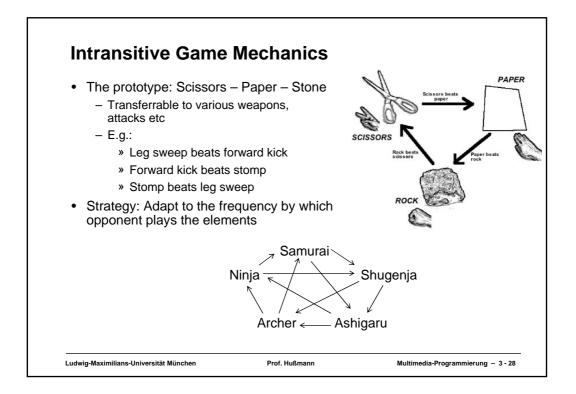
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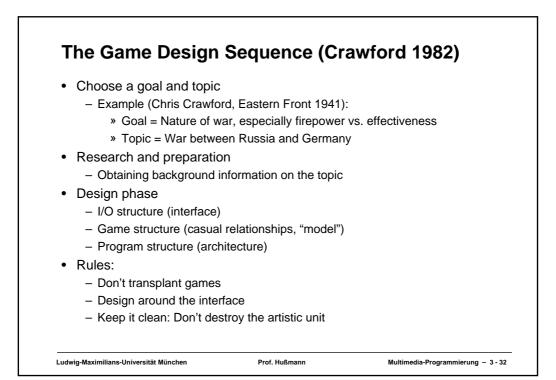


		d Equilibr	rium Ana	alysis
	Leg sweep	Fwd kick	Stomp	_
Leg sweep	0	+1	-1	
Fwd kick	-1	0	+1	
Stomp	+1	-1	0	
		I	I	Net payoff: L = 6f - 3s F = 6s - 6l
	Leg sweep	Fwd kick	Stomp	S = 3I - 6f (f, s, I frequencies
Leg sweep	0	+6	-3	- Zero-sum game: L = F = S = 0
Fwd kick	-6	0	+6	
		-6	0	Strategy:

Intransitive Structures and Game Development

- · Complex structures may lead to rarely or never used components
- Reduction of complex structures is difficult
 - Stepwise upgrade preferred
- · Game design relies on abstract internal "model"
 - Model/logic design vs. interface/presentation design

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	like "handcuffing a	pole vaulter to a high	ah jumper"
			jii jumper .
		0	u ,
» Example from	"Warrior Kings", pl	aceholder graphics	are not enough
	terative design mu	Nine out of ten concepts start with no terative design must include graphics	ngs/Morris: Nine out of ten concepts start with nothing but the look & terative design must include graphics design early enoug » Example from "Warrior Kings", placeholder graphics

